

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
 Data File : VN062946.D
 Acq On : 14 Aug 2020 20:32
 Operator : JC/MD
 Sample : PB130954TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130954TB

Quant Time: Aug 17 09:30:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	203057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	362037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	161313	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.55	113	125950	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.06	98	500425	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.38	95	176645	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds					Qvalue	
3) Chloromethane	2.03	50	663	0.242	ug/l	93
5) Bromomethane	2.53	94	517	0.303	ug/l #	31
11) Tert butyl alcohol	4.70	59	6657	12.096	ug/l #	72
12) 1,1-Dichloroethene	3.69	96	67	Below Cal	#	1
16) Acetone	3.78	43	41372	34.097	ug/l	90
17) Carbon Disulfide	4.00	76	1817	Below Cal	#	74
18) Methyl Acetate	4.29	43	6255	1.074	ug/l #	72
20) Methylene Chloride	4.51	84	21171	8.910	ug/l	97
25) 2-Butanone	6.80	43	8592	5.000	ug/l	91
26) 2,2-Dichloropropane	6.77	77	1433	0.351	ug/l #	55
29) Tetrahydrofuran	7.18	42	1946	1.743	ug/l #	57
31) Cyclohexane	7.63	56	4939	1.213	ug/l #	11
36) 1,1-Dichloropropene	7.63	75	17808	5.052	ug/l #	51
37) Ethyl Acetate	6.80	43	8592	2.333	ug/l #	87
38) Carbon Tetrachloride	7.63	117	20163	4.836	ug/l #	15
41) Methacrylonitrile	7.17	41	629	0.379	ug/l #	37
43) Isopropyl Acetate	8.13	43	76950	12.528	ug/l	99
45) 1,2-Dichloropropane	9.23	63	1902	0.668	ug/l #	45
48) Methyl methacrylate	9.15	41	4822	1.596	ug/l #	13
51) 4-Methyl-2-Pentanone	9.96	43	11742	2.955	ug/l	98
54) cis-1,3-Dichloropropene	9.88	75	29817	6.444	ug/l #	64
56) Ethyl methacrylate	10.52	69	2147	0.514	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	5896	1.251	ug/l #	43
59) 2-Hexanone	10.74	43	89937	30.339	ug/l #	54
71) Bromoform	12.37	173	1517	0.562	ug/l #	1
74) N-amyl acetate	12.01	43	2046	0.489	ug/l #	47
76) 1,2,3-Trichloropropane	12.38	75	90345	24.449	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3561	0.398	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	90345	74.635	ug/l #	10
89) n-Butylbenzene	13.59	91	2449	0.328	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.26	75	246	0.315	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	1138	3.783	ug/l	83
94) Hexachlorobutadiene	14.99	225	425	Below Cal		67
95) Naphthalene	15.11	128	5612	4.533	ug/l #	90

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QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

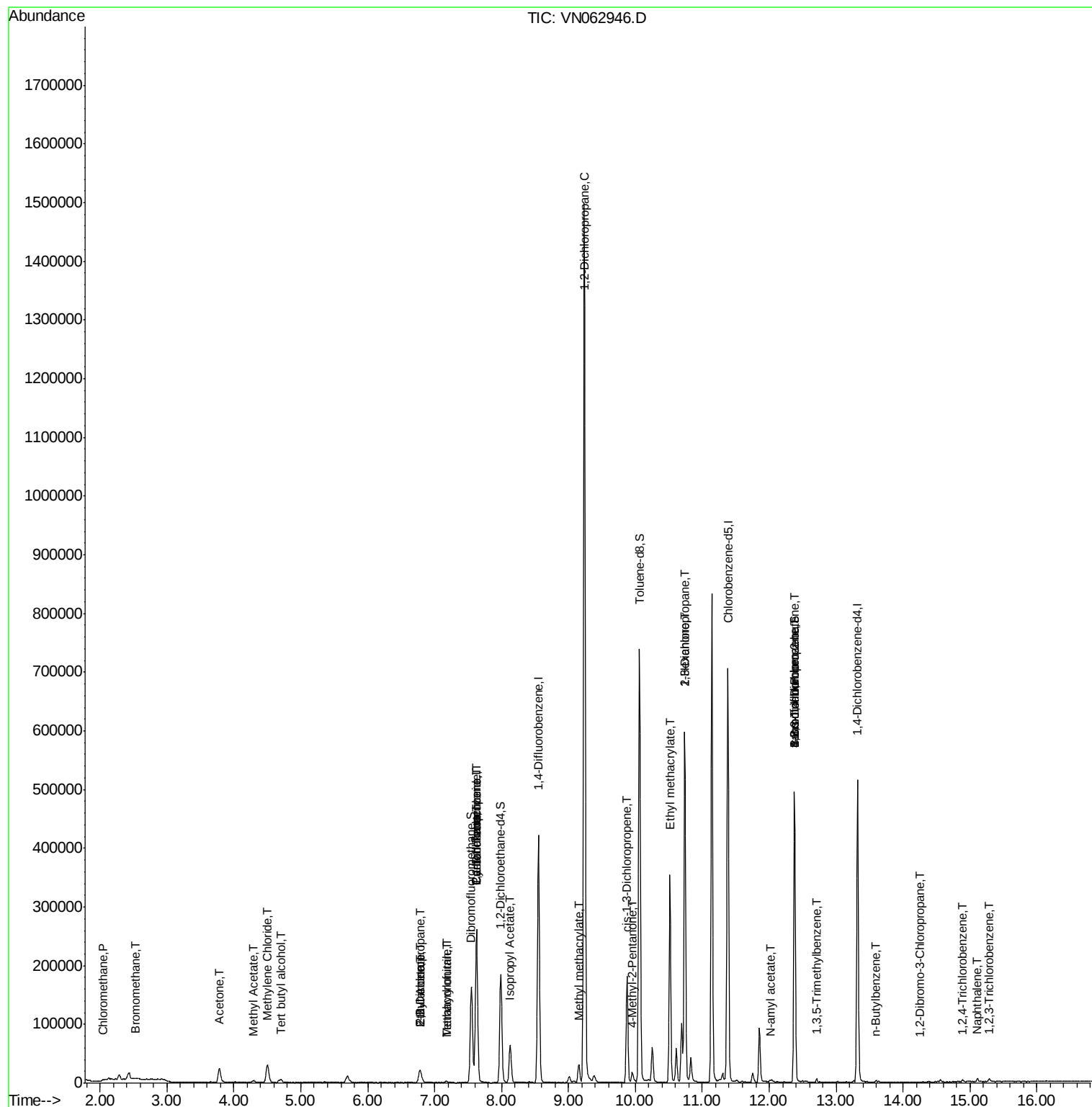
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.29	180	1989	3.568	ug/l	93

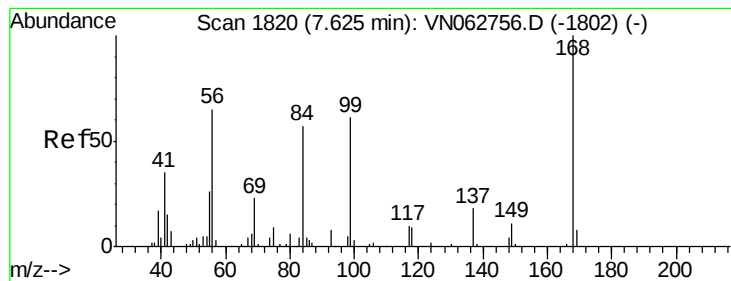
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

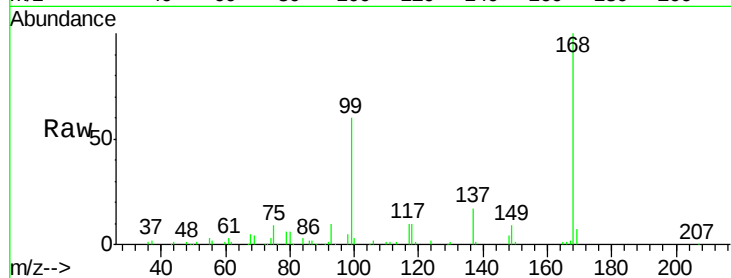
PB130954TB

Tgt Ion:168 Resp: 203057

Ion Ratio Lower Upper

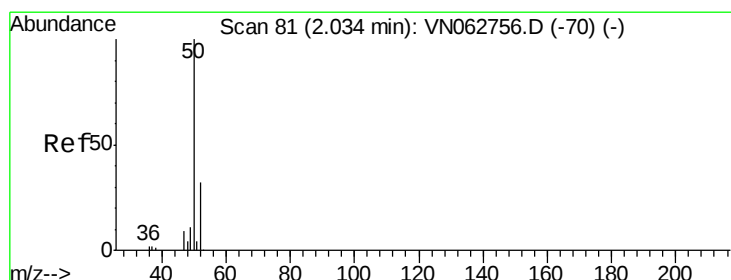
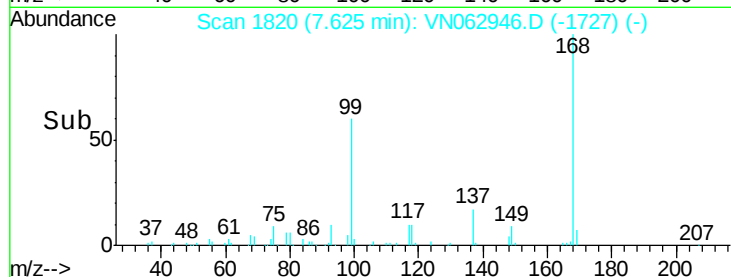
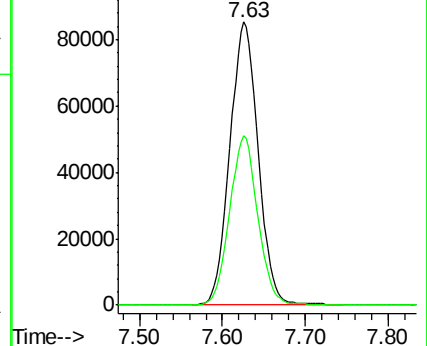
168 100

99 59.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.242 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062946.D

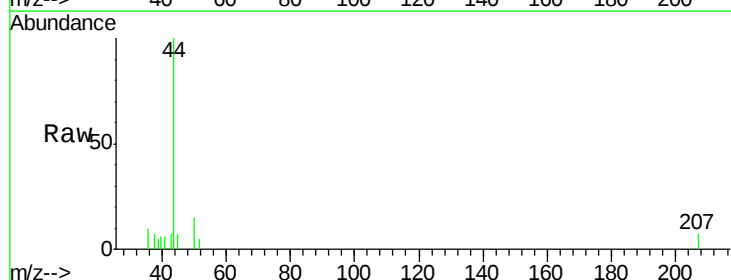
Acq: 14 Aug 2020 20:32

Tgt Ion: 50 Resp: 663

Ion Ratio Lower Upper

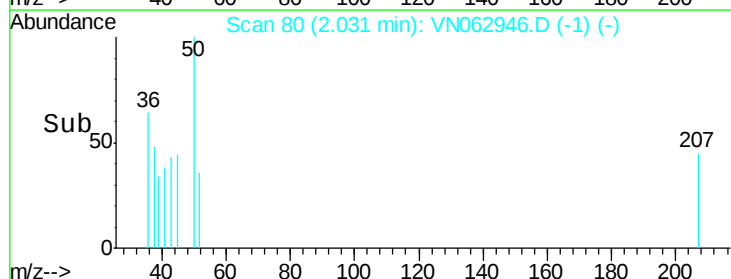
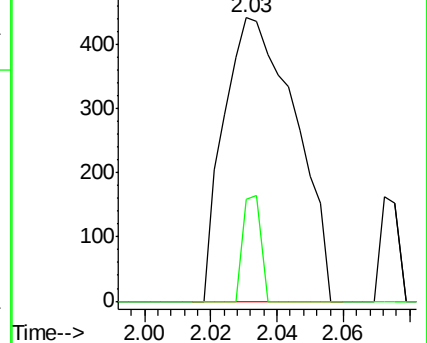
50 100

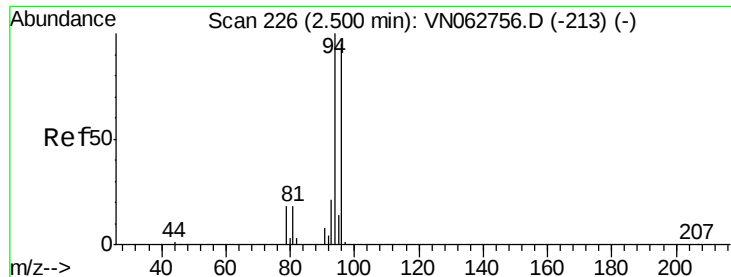
52 35.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: 0.303 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.03 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

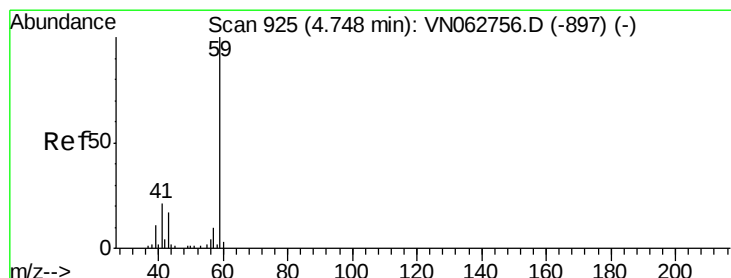
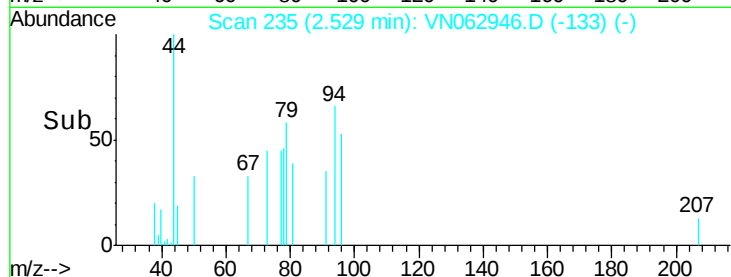
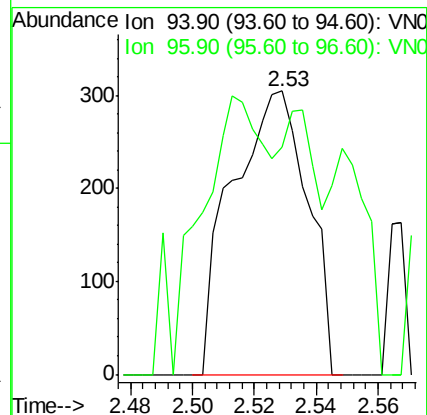
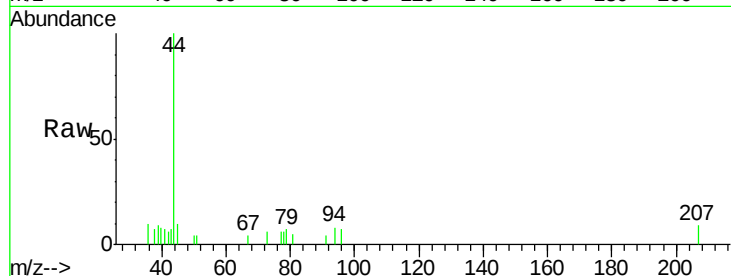
PB130954TB

Tgt Ion: 94 Resp: 517

Ion Ratio Lower Upper

94 100

96 28.2 76.2 114.4#



#11

Tert butyl alcohol

Concen: 12.096 ug/l

RT: 4.70 min Scan# 910

Delta R.T. -0.05 min

Lab File: VN062946.D

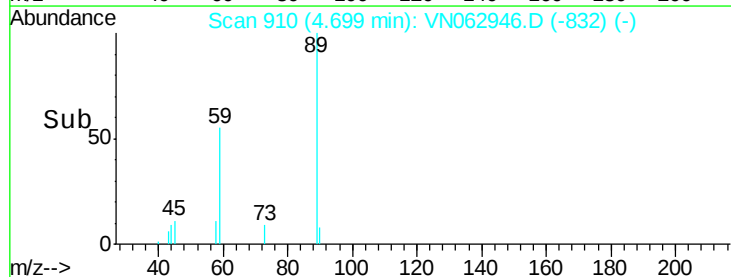
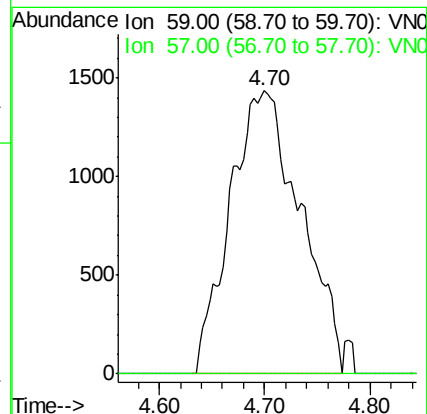
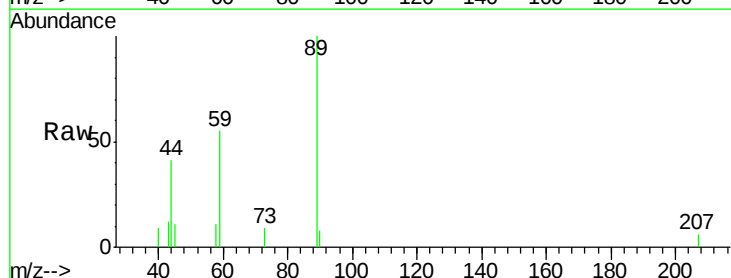
Acq: 14 Aug 2020 20:32

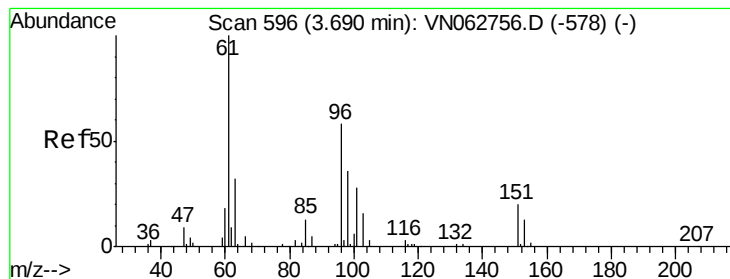
Tgt Ion: 59 Resp: 6657

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: Below Cal

RT: 3.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

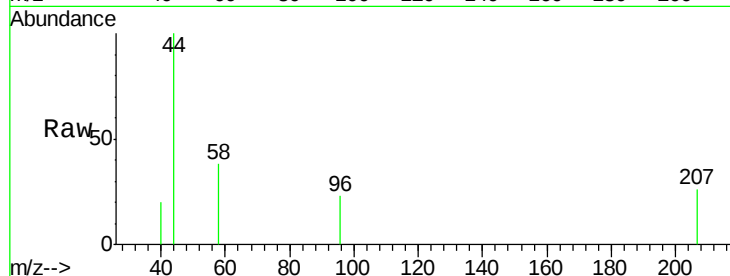
Tgt Ion: 96 Resp: 67

Ion Ratio Lower Upper

96 100

61 0.0 139.0 208.6#

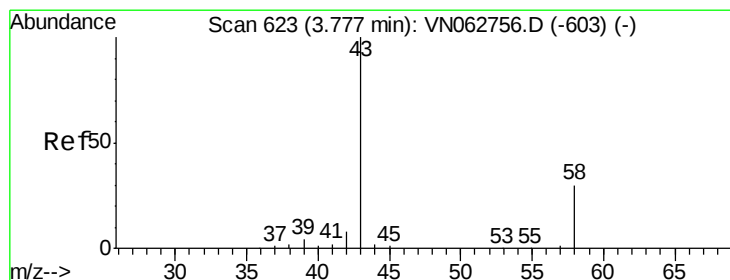
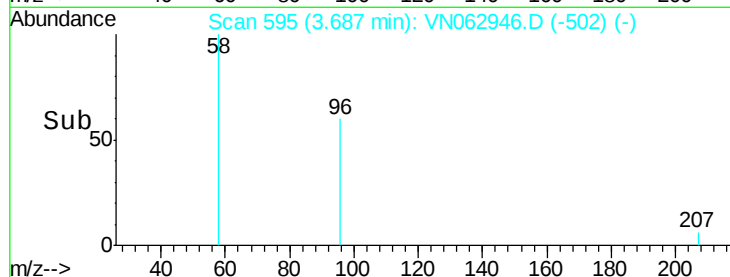
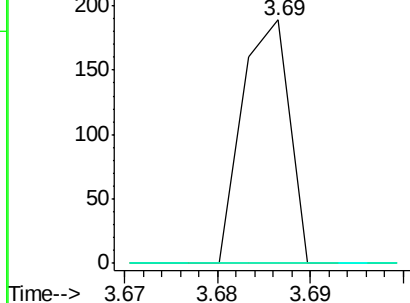
98 0.0 50.2 75.4#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 34.097 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062946.D

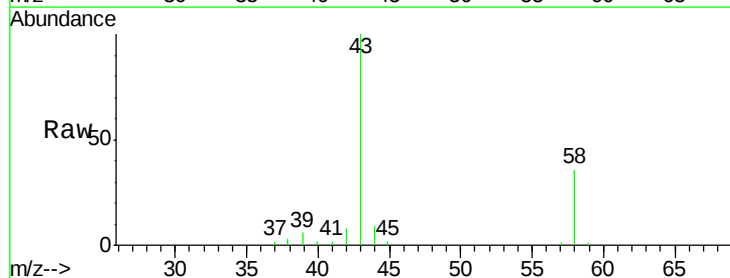
Acq: 14 Aug 2020 20:32

Tgt Ion: 43 Resp: 41372

Ion Ratio Lower Upper

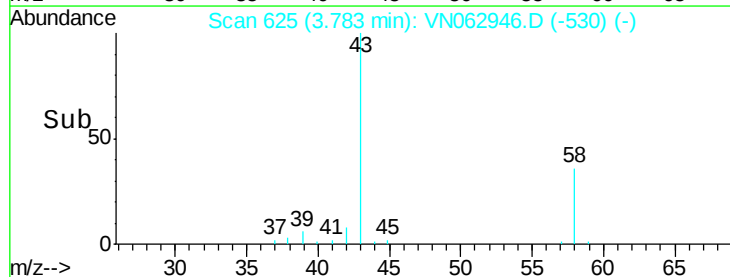
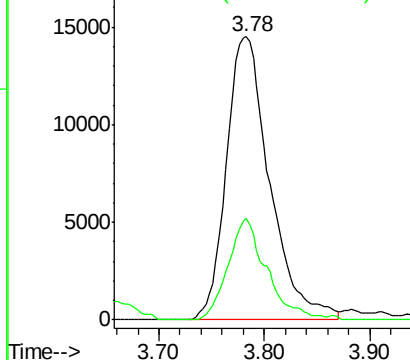
43 100

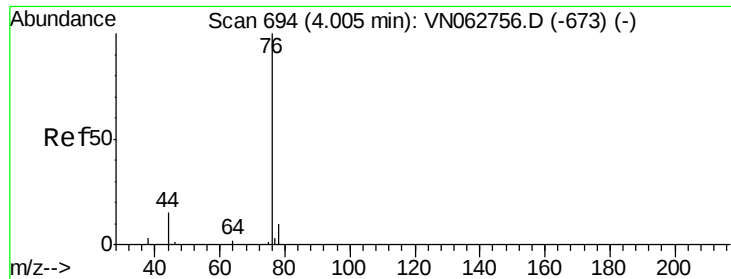
58 35.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

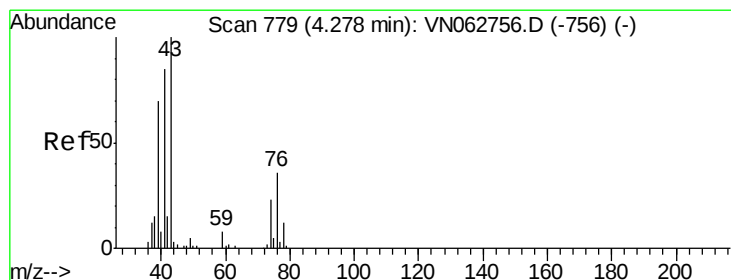
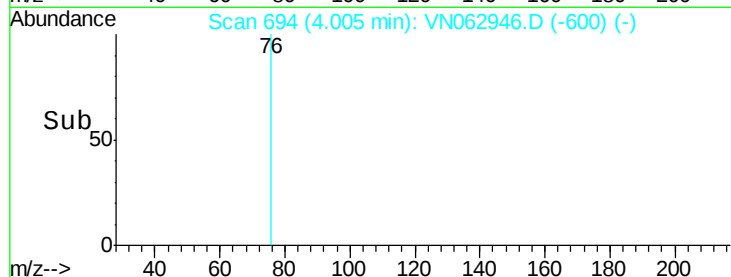
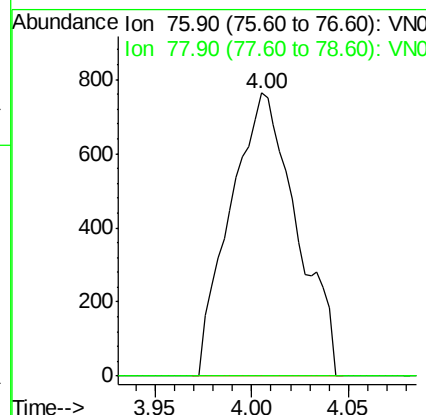
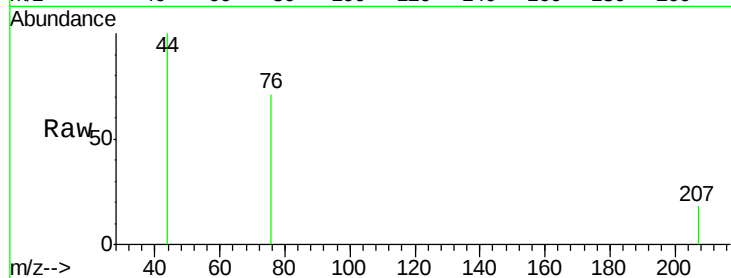




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

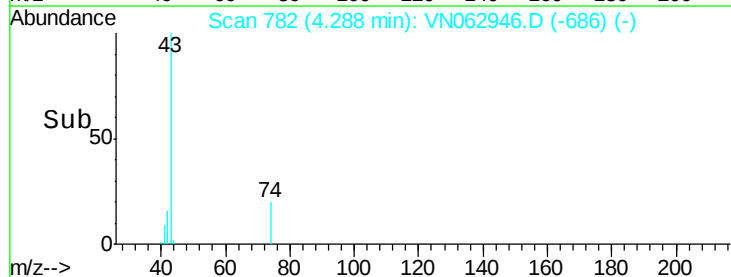
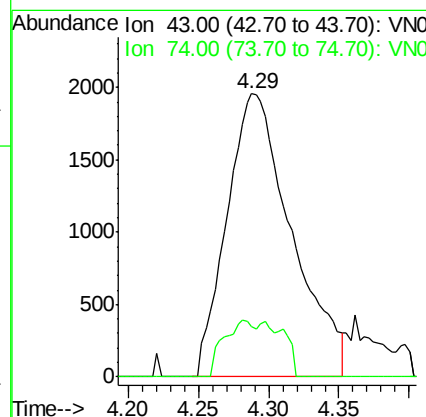
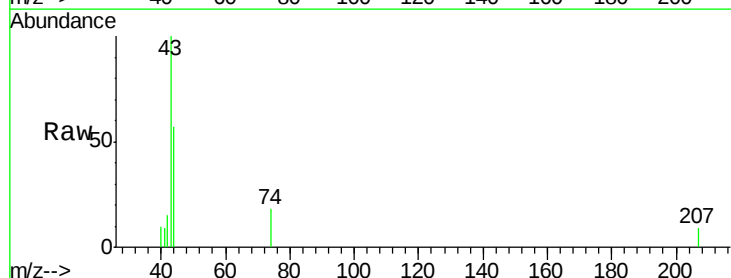
Instrument :
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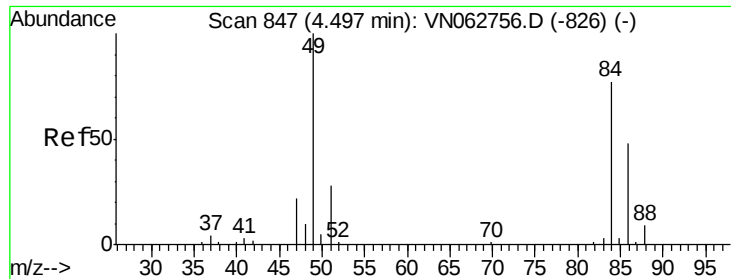
Tgt Ion: 76 Resp: 1817
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 1.074 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Tgt Ion: 43 Resp: 6255
Ion Ratio Lower Upper
43 100
74 9.7 18.6 28.0#

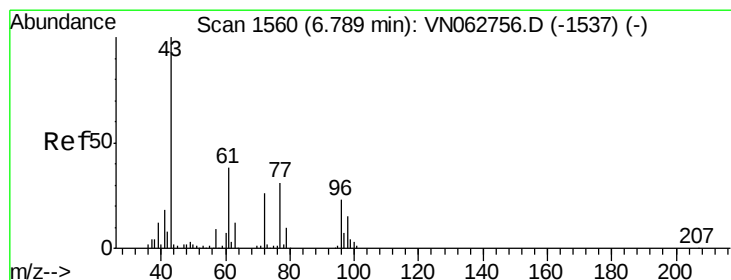
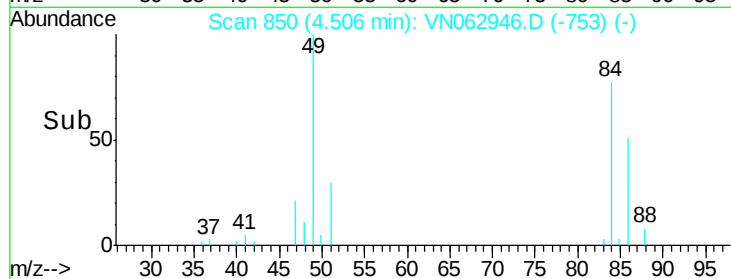
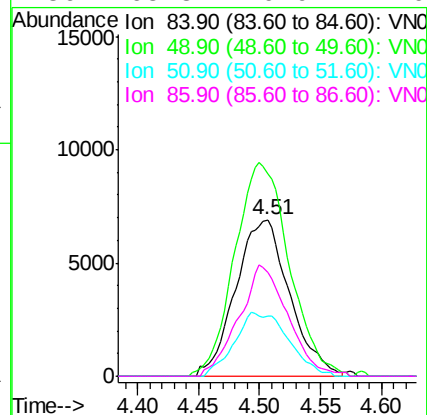
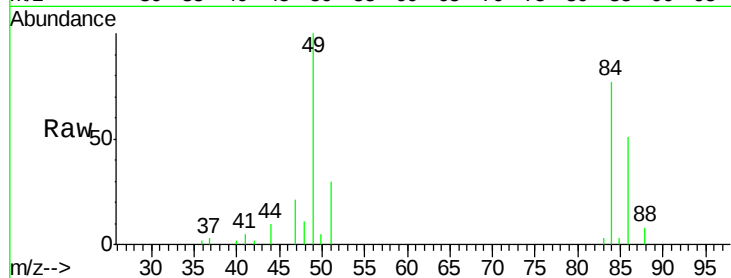




#20
Methylene Chloride
Concen: 8.910 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

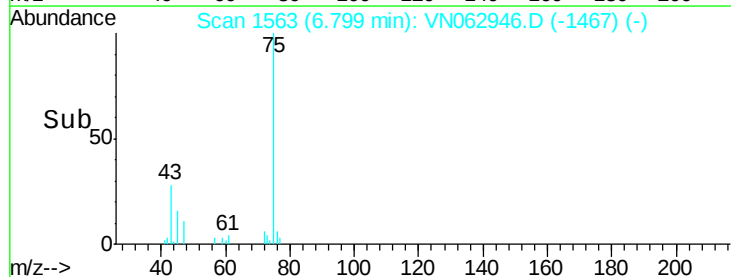
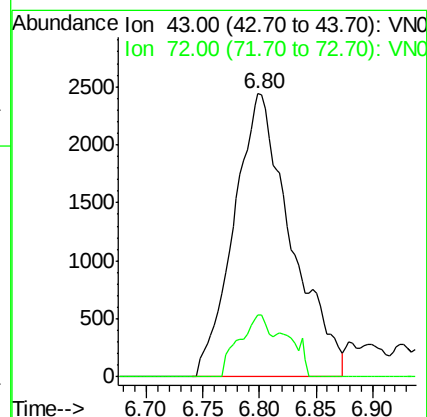
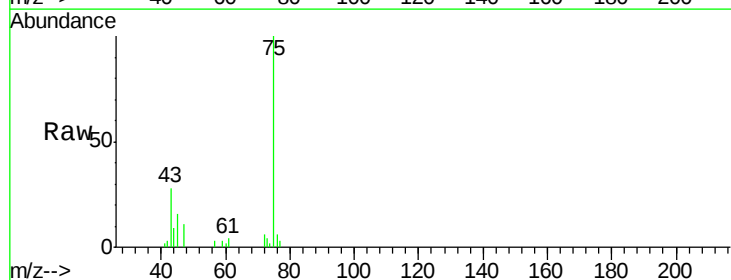
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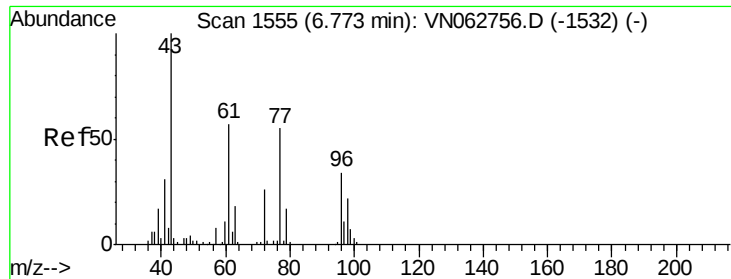
Tgt Ion:	84	Resp:	21171
Ion	Ratio	Lower	Upper
84	100		
49	126.9	103.4	155.2
51	38.4	29.3	43.9
86	65.8	49.9	74.9



#25
2-Butanone
Concen: 5.000 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Tgt Ion:	43	Resp:	8592
Ion	Ratio	Lower	Upper
43	100		
72	22.0	21.1	31.7

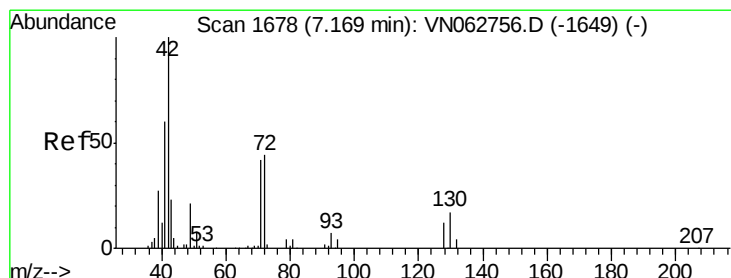
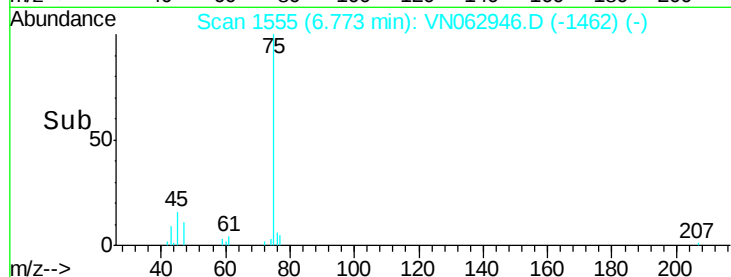
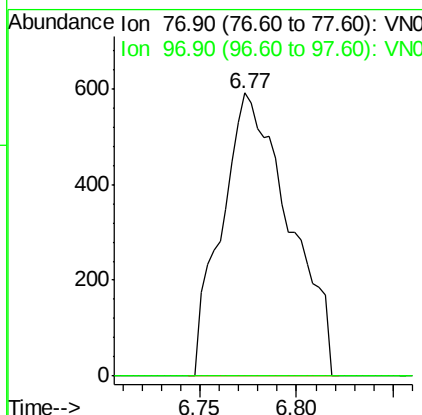
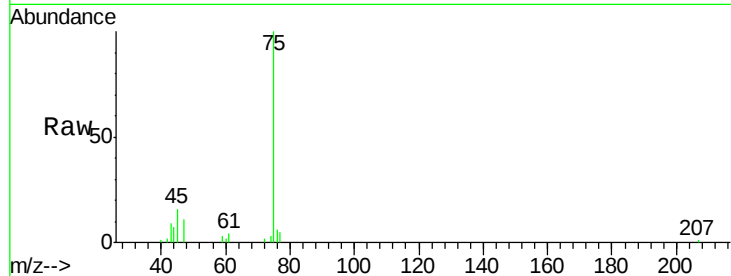




#26
 2,2-Dichloropropane
 Concen: 0.351 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

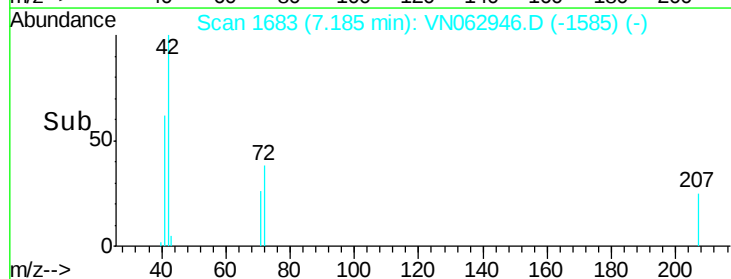
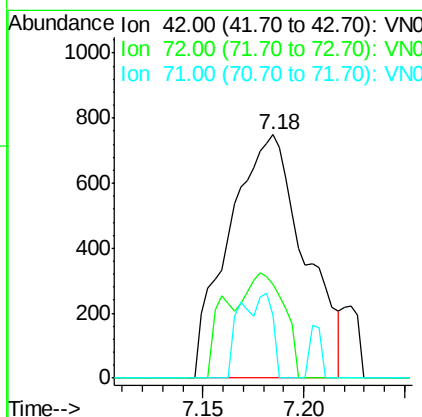
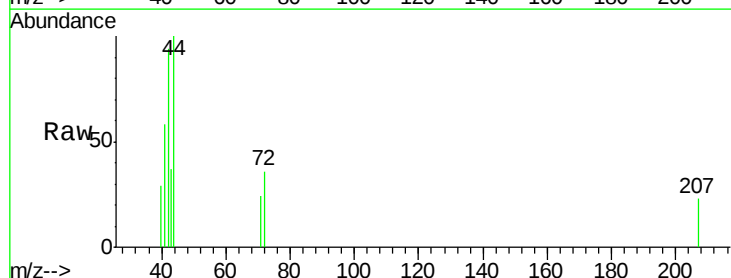
Instrument :
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 ClientSampleId :
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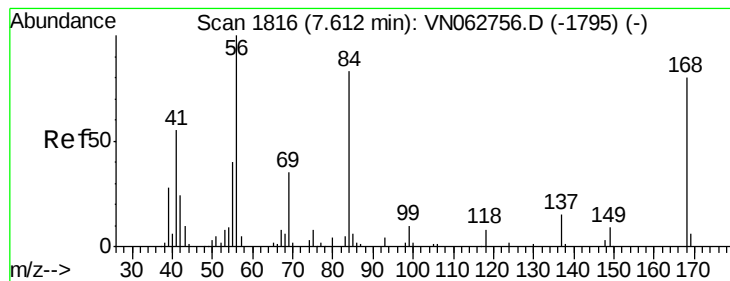
Tgt Ion: 77 Resp: 1433
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.6#



#29
 Tetrahydrofuran
 Concen: 1.743 ug/l
 RT: 7.18 min Scan# 1683
 Delta R.T. 0.02 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

Tgt Ion: 42 Resp: 1946
 Ion Ratio Lower Upper
 42 100
 72 23.3 35.0 52.4#
 71 7.0 33.2 49.8#





#31

Cyclohexane

Concen: 1.213 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

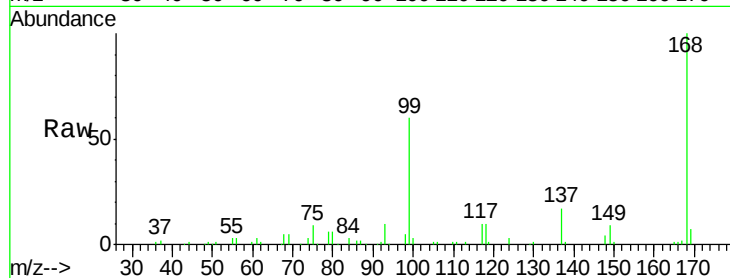
Tgt Ion: 56 Resp: 4939

Ion Ratio Lower Upper

56 100

69 180.0 28.1 42.1#

84 103.1 66.8 100.2#

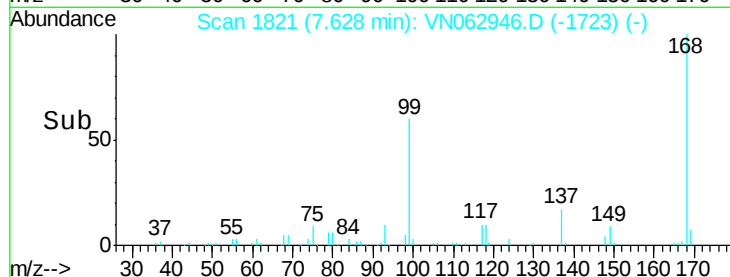


Abundance Ion 56.00 (55.70 to 56.70): VN062756.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062756.D (-1795) (-)

Time-->

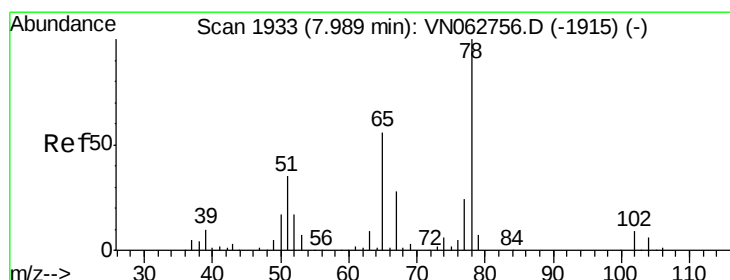


Abundance Ion 56.00 (55.70 to 56.70): VN062946.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062946.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062946.D (-1723) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.040 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062946.D

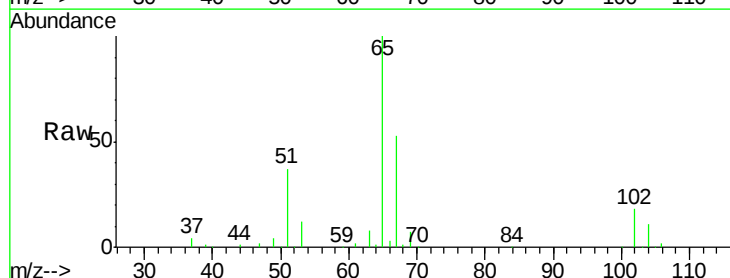
Acq: 14 Aug 2020 20:32

Tgt Ion: 65 Resp: 161313

Ion Ratio Lower Upper

65 100

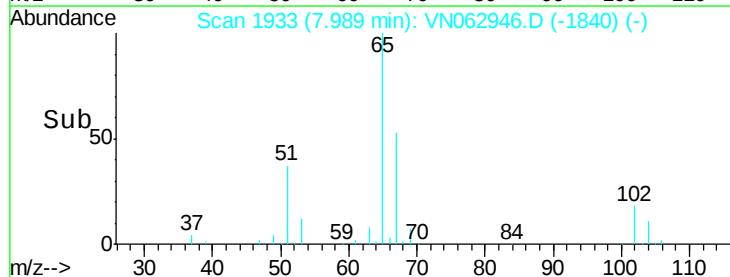
67 53.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062756.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062756.D (-1915) (-)

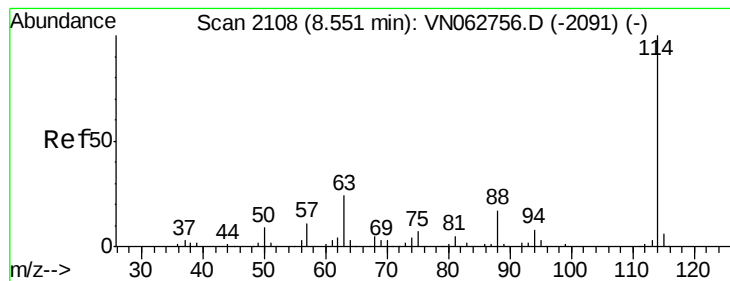
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN062946.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062946.D (-1840) (-)

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

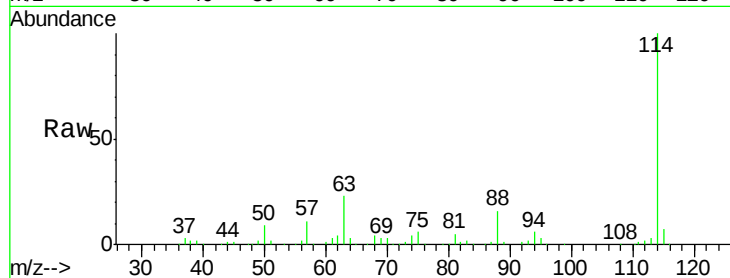
Tgt Ion:114 Resp: 362037

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

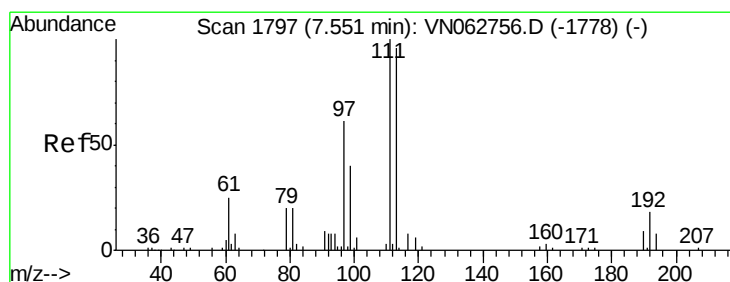
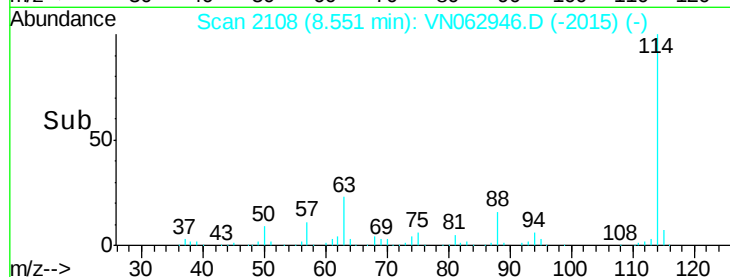
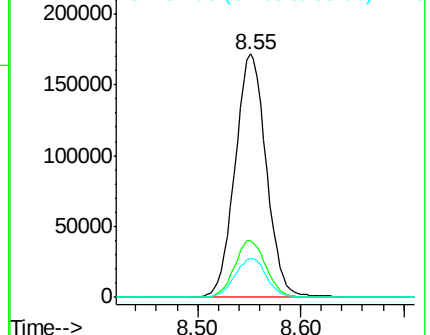
88 16.1 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.857 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

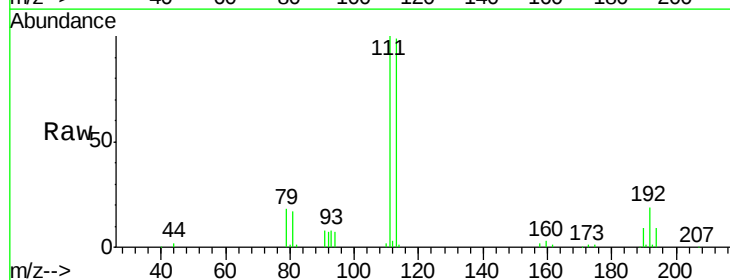
Tgt Ion:113 Resp: 125950

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

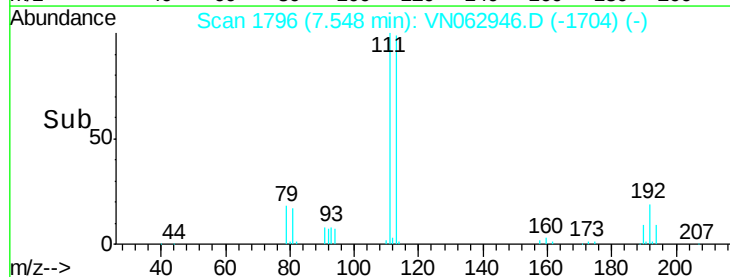
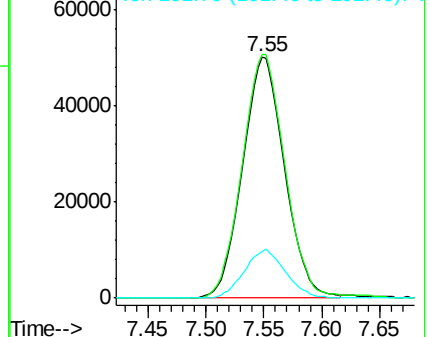
192 19.8 15.0 22.4

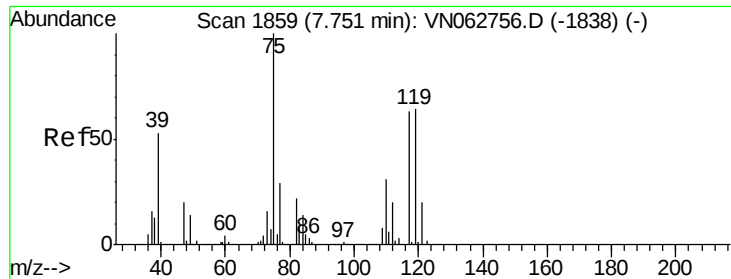


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

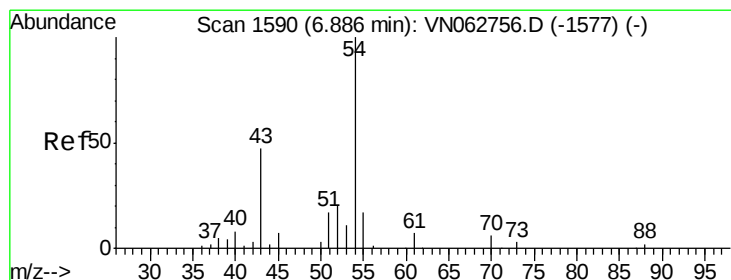
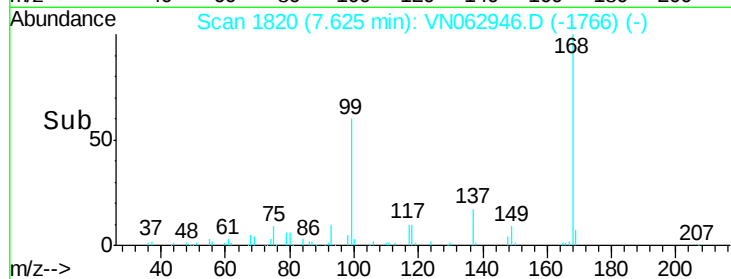
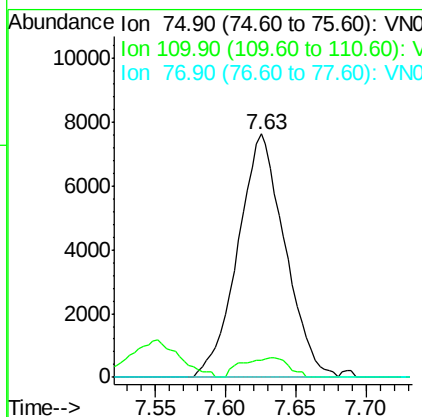
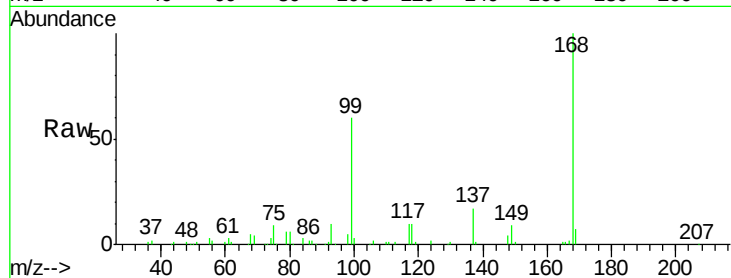




#36
 1,1-Dichloropropene
 Concen: 5.052 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

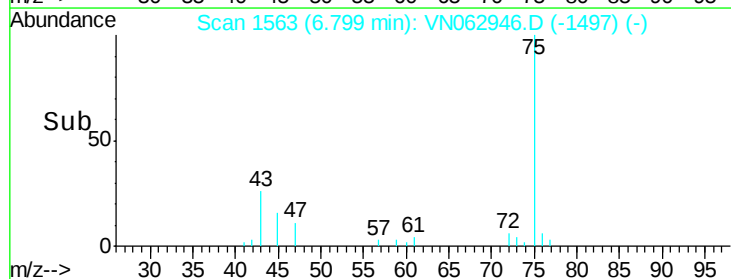
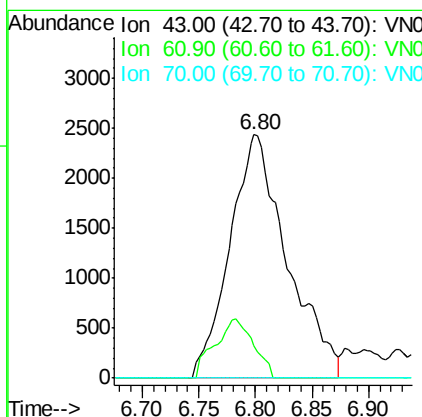
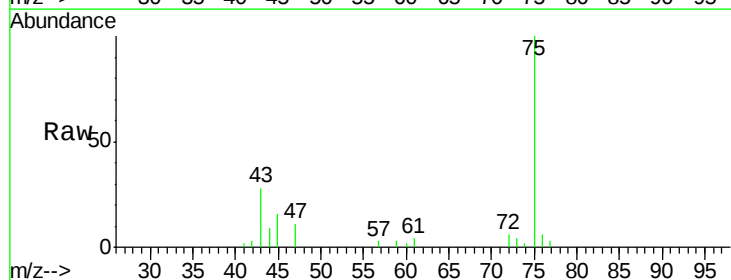
Instrument :
 MSVOA_N
 ClientSampled :
 PB130954TB

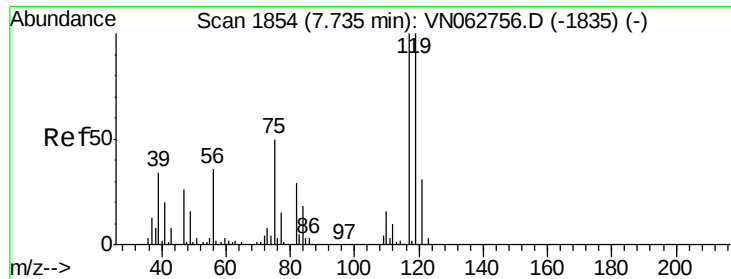
Tgt Ion: 75 Resp: 17808
 Ion Ratio Lower Upper
 75 100
 110 8.0 15.6 46.7#
 77 0.0 24.1 36.1#



#37
 Ethyl Acetate
 Concen: 2.333 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.09 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

Tgt Ion: 43 Resp: 8592
 Ion Ratio Lower Upper
 43 100
 61 16.4 12.1 18.1
 70 0.0 8.3 12.5#

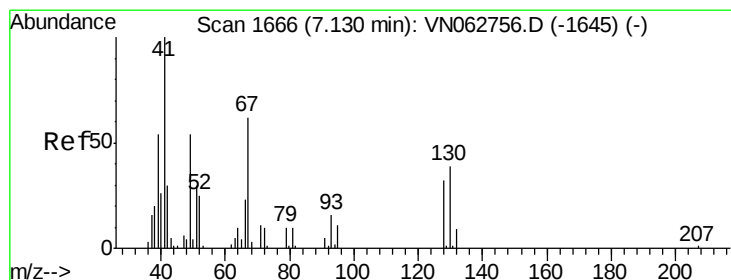
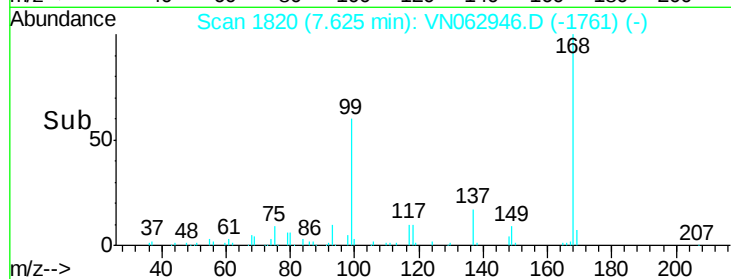
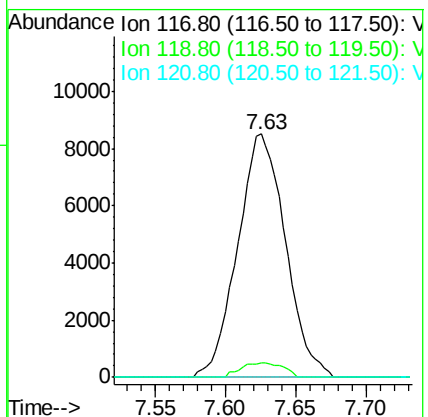
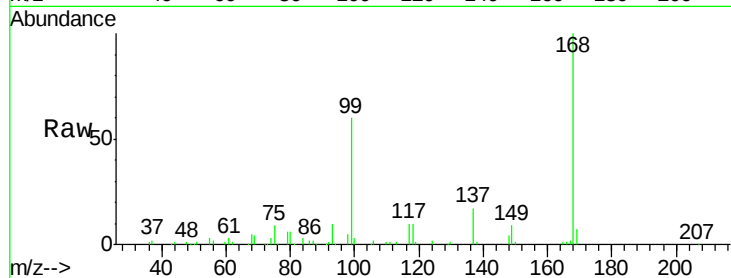




#38
Carbon Tetrachloride
Concen: 4.836 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

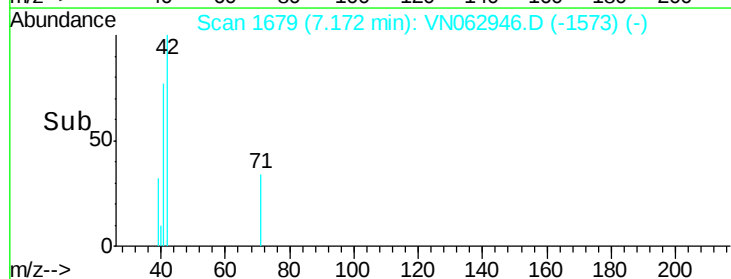
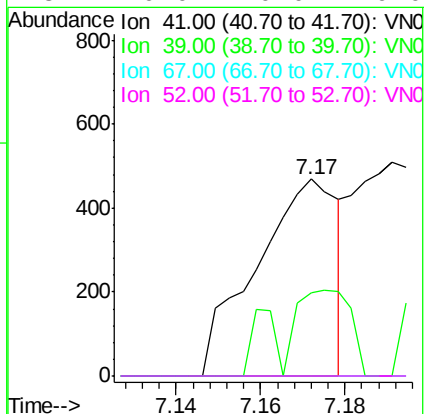
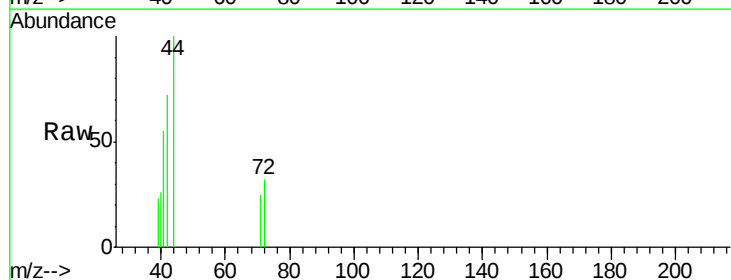
Instrument :
MSVOA_N
ClientSampled :
PB130954TB

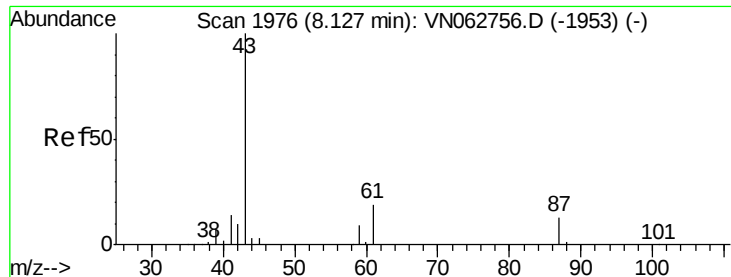
Tgt Ion: 117 Resp: 20163
Ion Ratio Lower Upper
117 100
119 6.0 79.4 119.2#
121 0.0 24.9 37.3#



#41
Methacrylonitrile
Concen: 0.379 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.04 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Tgt Ion: 41 Resp: 629
Ion Ratio Lower Upper
41 100
39 28.8 69.4 104.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

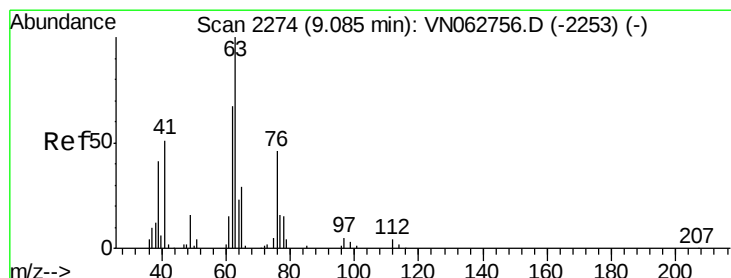
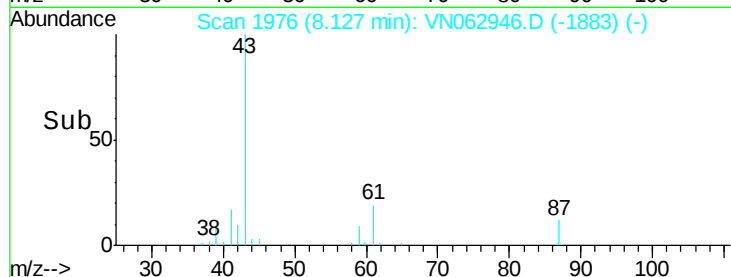
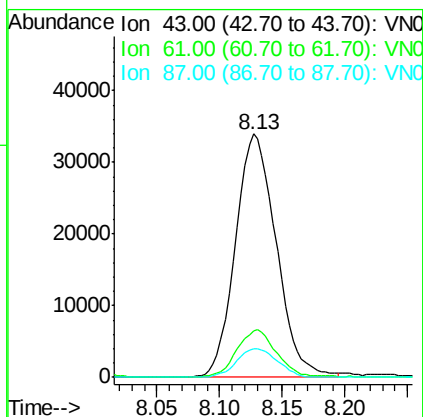
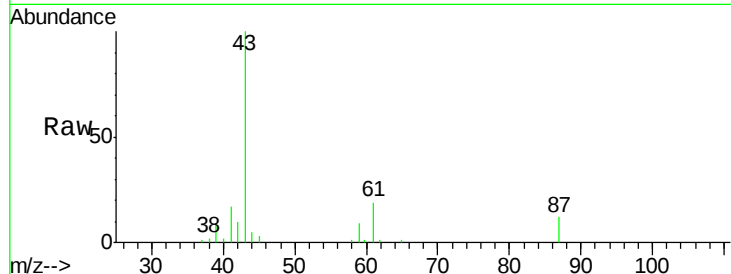




#43
Isopropyl Acetate
Concen: 12.528 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

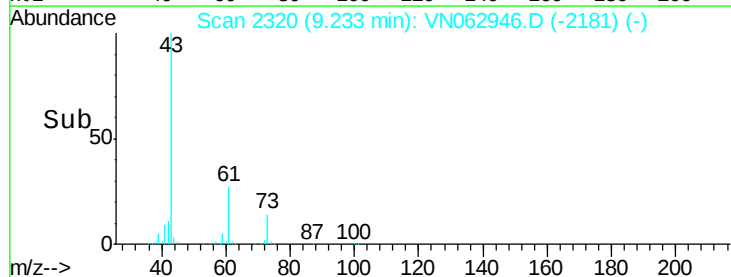
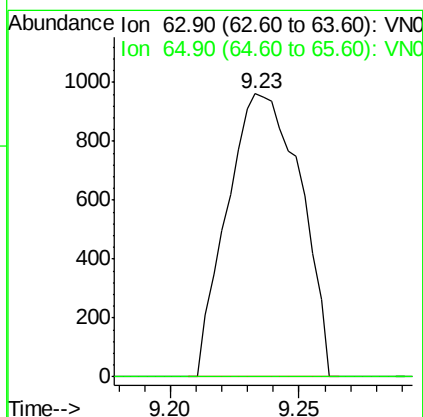
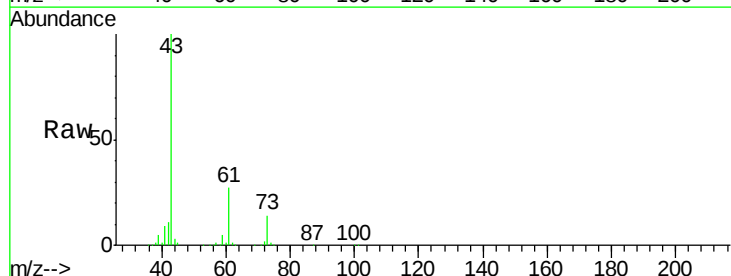
Instrument :
MSVOA_N
ClientSampled :
PB130954TB

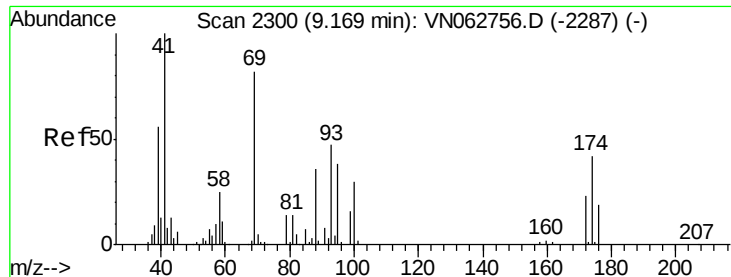
Tgt Ion: 43 Resp: 76950
Ion Ratio Lower Upper
43 100
61 19.1 15.8 23.6
87 11.8 9.9 14.9



#45
1,2-Dichloropropane
Concen: 0.668 ug/l
RT: 9.23 min Scan# 2320
Delta R.T. 0.15 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Tgt Ion: 63 Resp: 1902
Ion Ratio Lower Upper
63 100
65 0.0 23.5 35.3#

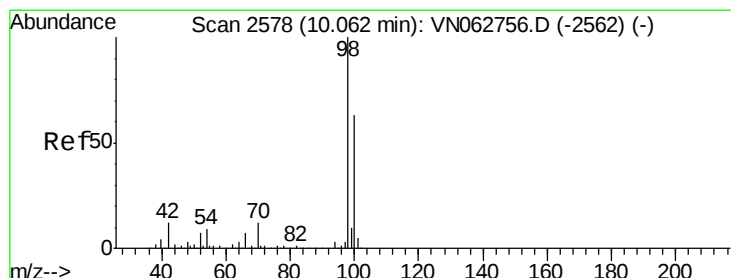
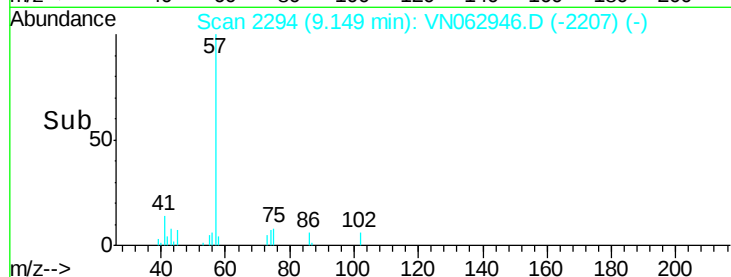
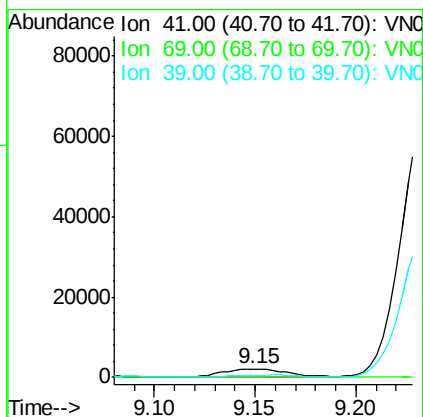
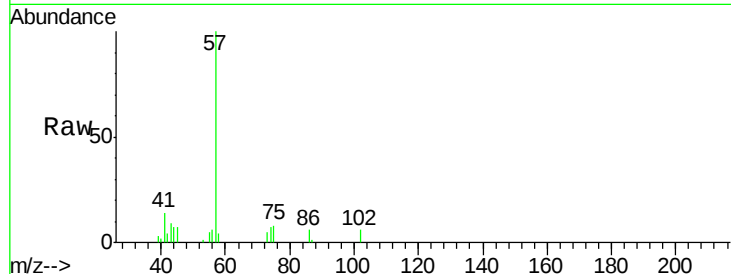




#48
Methyl methacrylate
Concen: 1.596 ug/l
RT: 9.15 min Scan# 2294
Delta R.T. -0.02 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

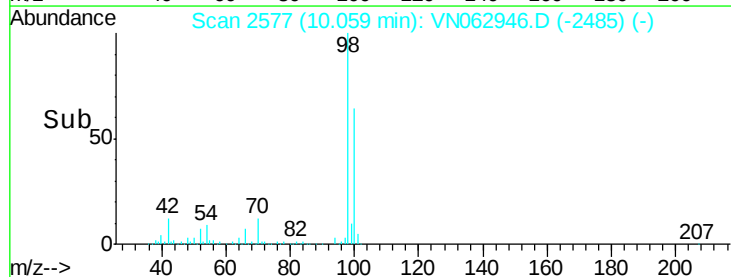
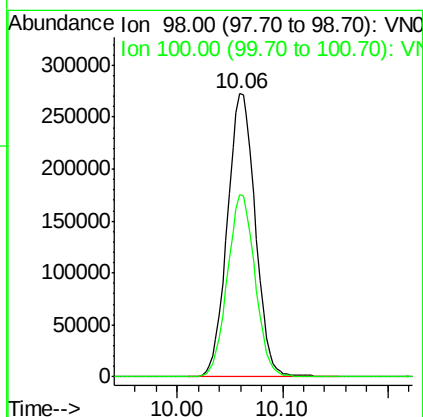
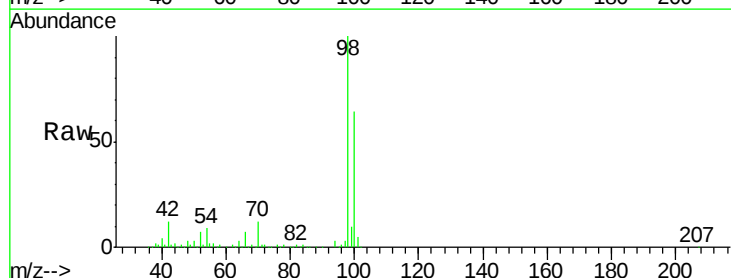
Instrument :
MSVOA_N
ClientSampleId :
PB130954TB

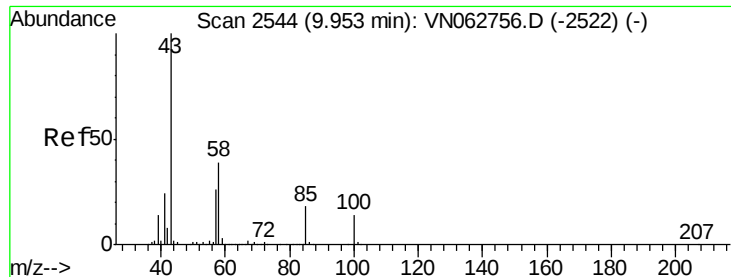
Tgt Ion: 41 Resp: 4822
Ion Ratio Lower Upper
41 100
69 0.7 67.4 101.2#
39 0.0 47.6 71.4#



#50
Toluene-d8
Concen: 51.758 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Tgt Ion: 98 Resp: 500425
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

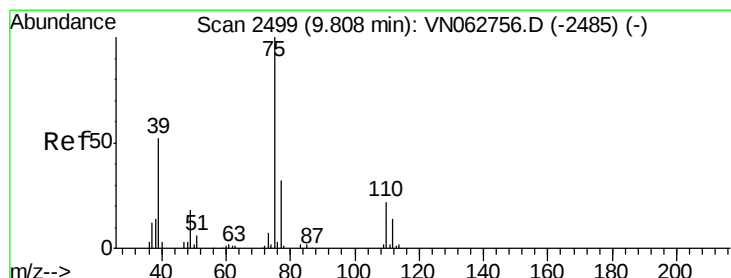
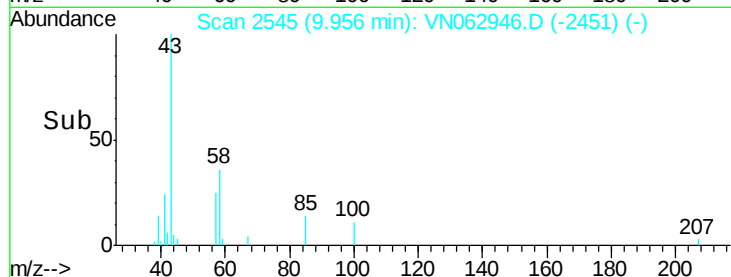
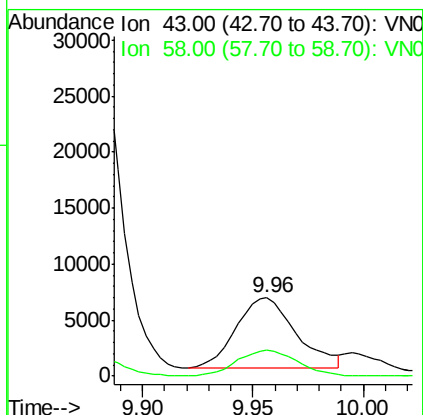
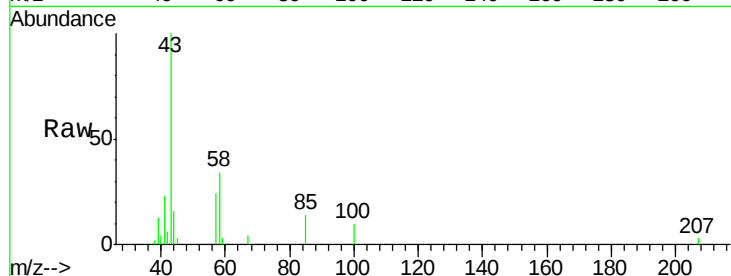




#51
 4-Methyl-2-Pentanone
 Concen: 2.955 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

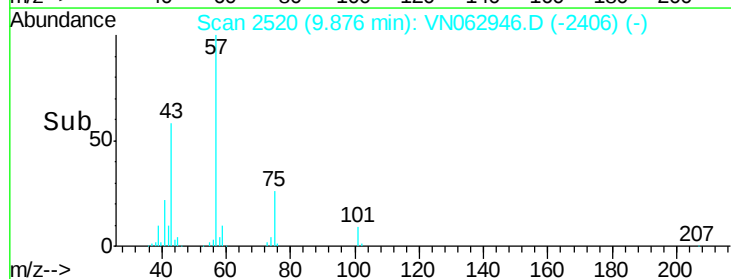
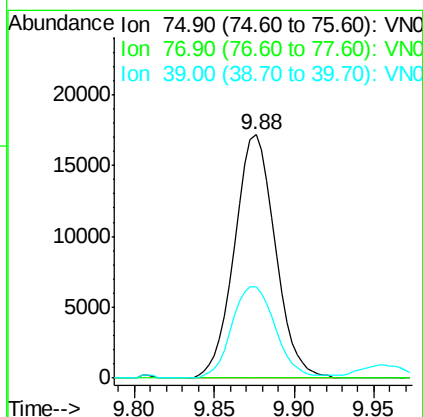
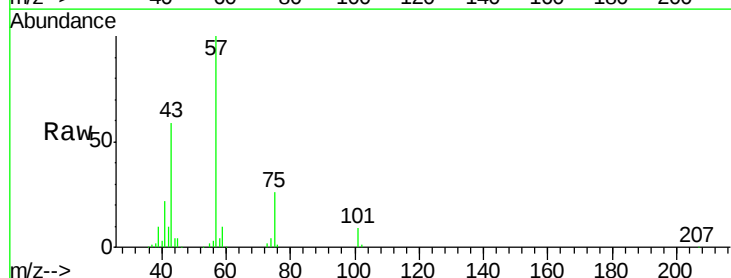
Instrument :
 MSVOA_N
 ClientSampled :
 PB130954TB

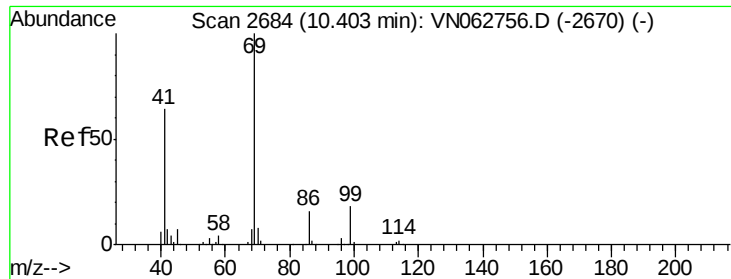
Tgt Ion: 43 Resp: 11742
 Ion Ratio Lower Upper
 43 100
 58 37.8 31.1 46.7



#54
 cis-1,3-Dichloropropene
 Concen: 6.444 ug/l
 RT: 9.88 min Scan# 2520
 Delta R.T. 0.07 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

Tgt Ion: 75 Resp: 29817
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 36.3 41.9 62.9#





#56

Ethyl methacrylate

Concen: 0.514 ug/l

RT: 10.52 min Scan# 2719

Delta R.T. 0.11 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampled :

PB130954TB

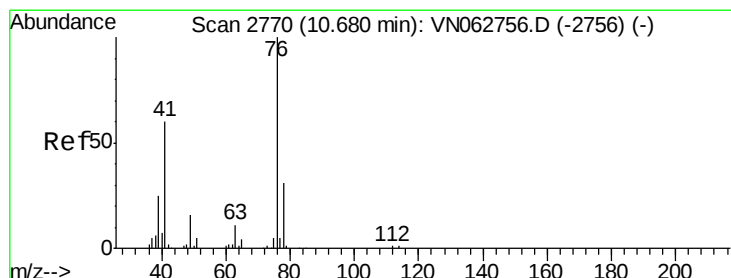
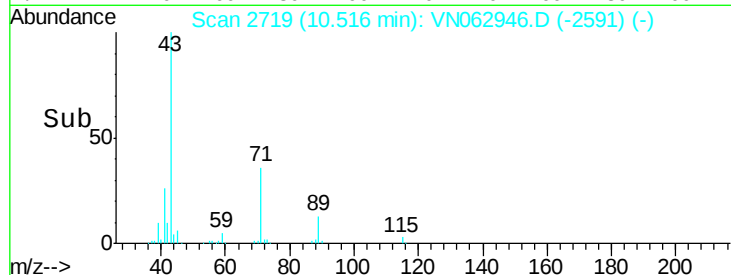
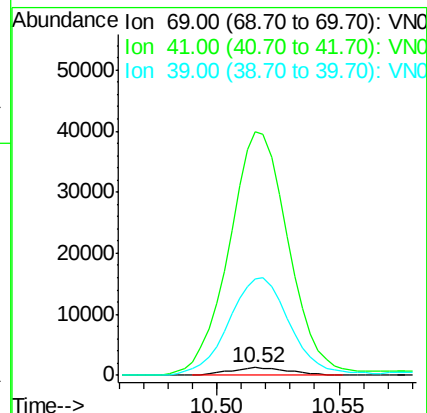
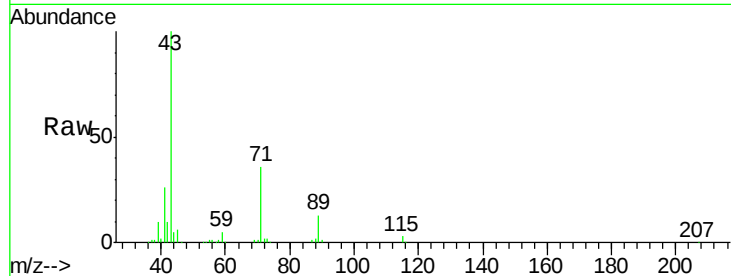
Tgt Ion: 69 Resp: 2147

Ion Ratio Lower Upper

69 100

41 3172.6 52.2 78.2#

39 1305.4 30.9 46.3#



#57

1,3-Dichloropropane

Concen: 1.251 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.06 min

Lab File: VN062946.D

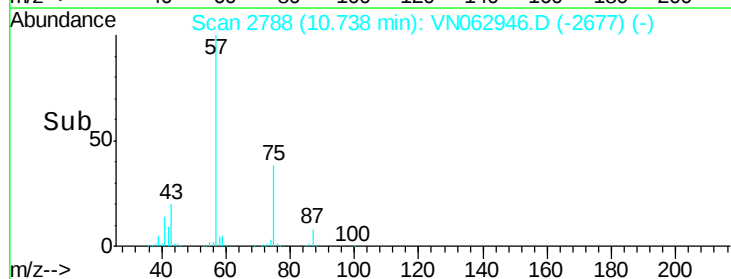
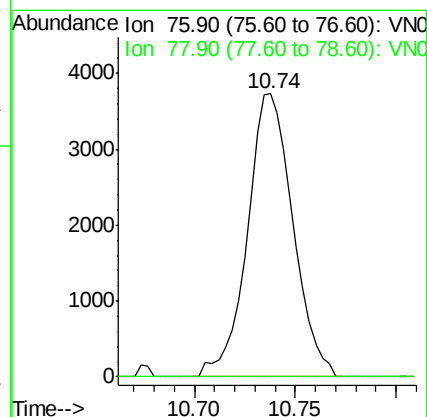
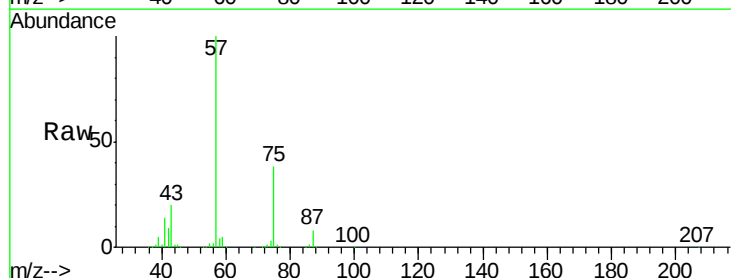
Acq: 14 Aug 2020 20:32

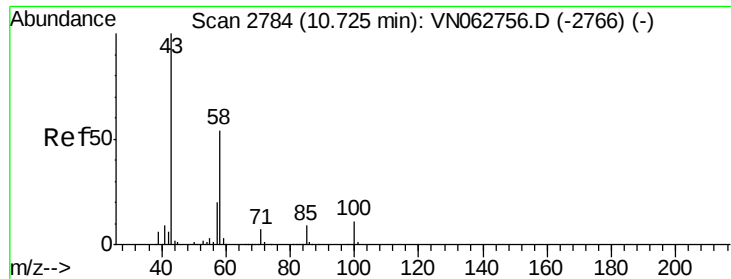
Tgt Ion: 76 Resp: 5896

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#

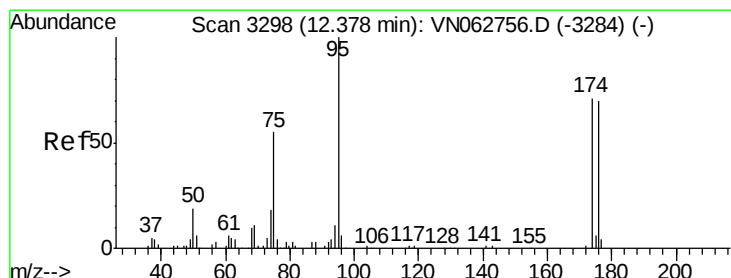
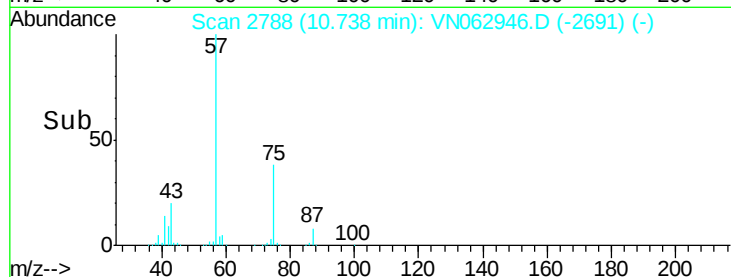
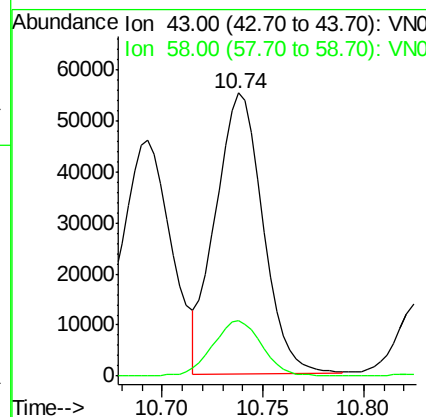
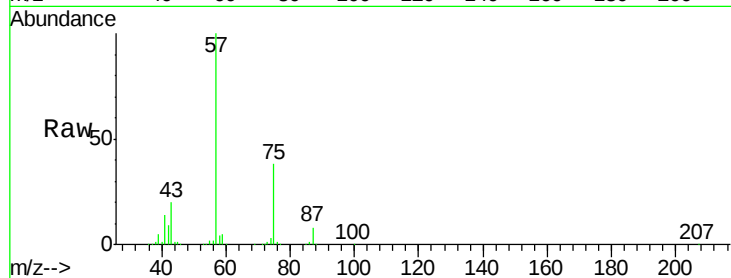




#59
 2-Hexanone
 Concen: 30.339 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

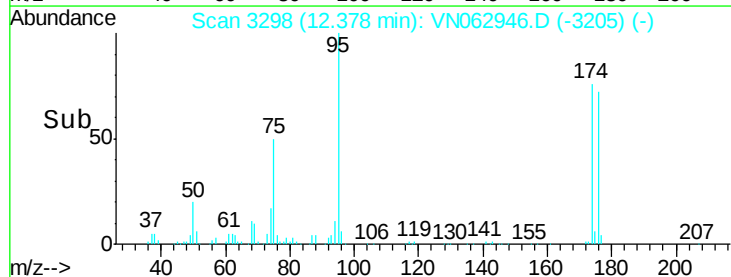
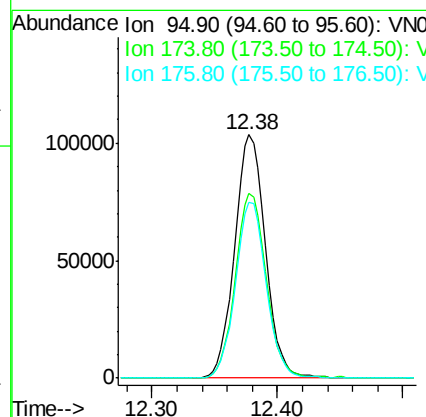
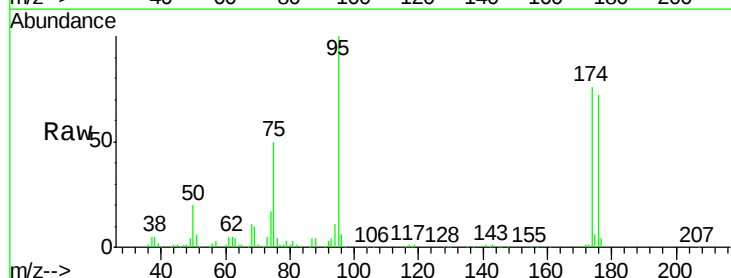
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130954TB

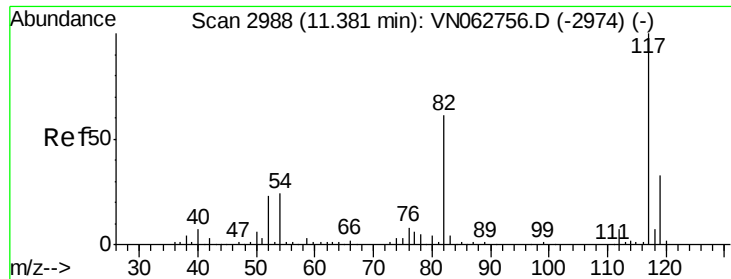
Tgt Ion: 43 Resp: 89937
 Ion Ratio Lower Upper
 43 100
 58 20.6 26.7 80.1#



#62
 4-Bromofluorobenzene
 Concen: 48.346 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

Tgt Ion: 95 Resp: 176645
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 144.8
 176 72.3 0.0 142.2

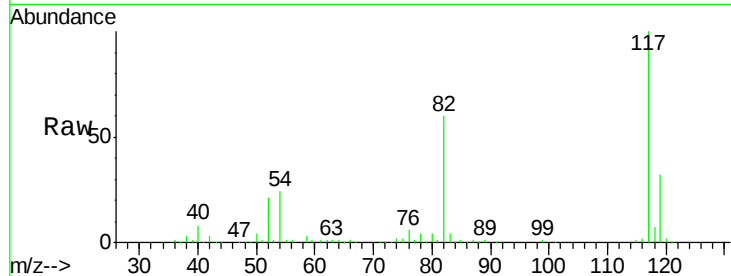




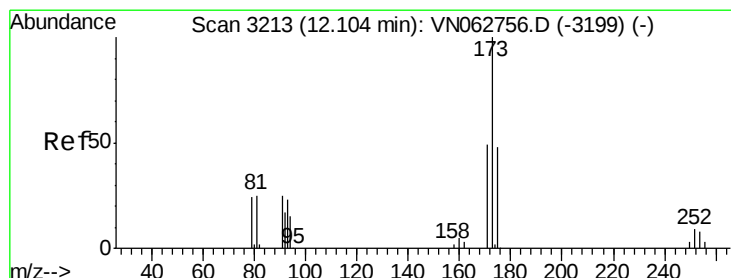
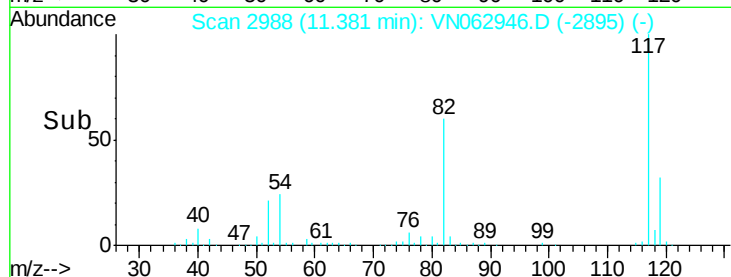
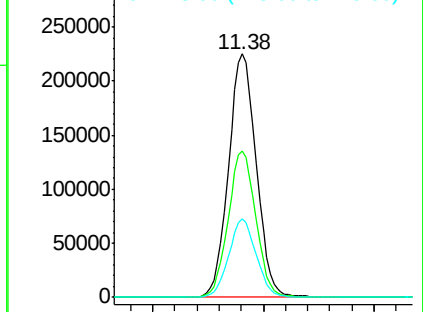
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Instrument :
MSVOA_N
ClientSampleId :
PB130954TB

Tgt Ion:117 Resp: 392737
Ion Ratio Lower Upper
117 100
82 60.3 49.0 73.4
119 32.2 26.2 39.2

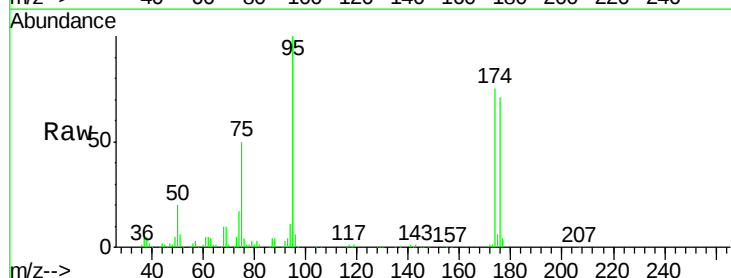


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

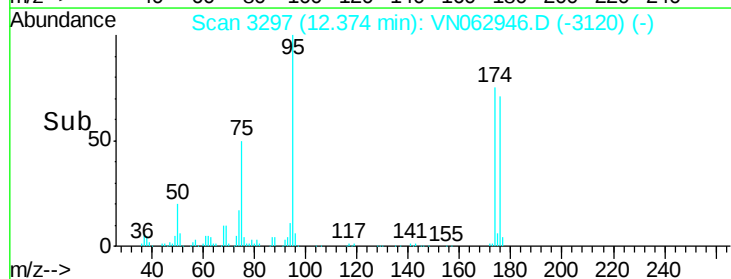
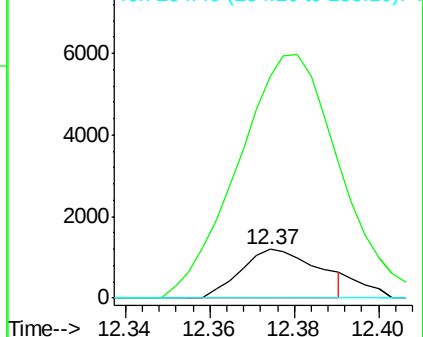


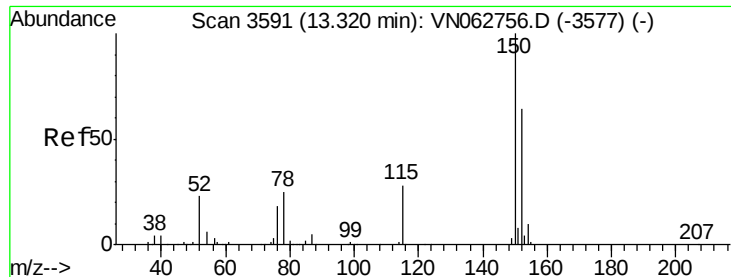
#71
Bromoform
Concen: 0.562 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN062946.D
Acq: 14 Aug 2020 20:32

Tgt Ion:173 Resp: 1517
Ion Ratio Lower Upper
173 100
175 581.9 24.0 72.0#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

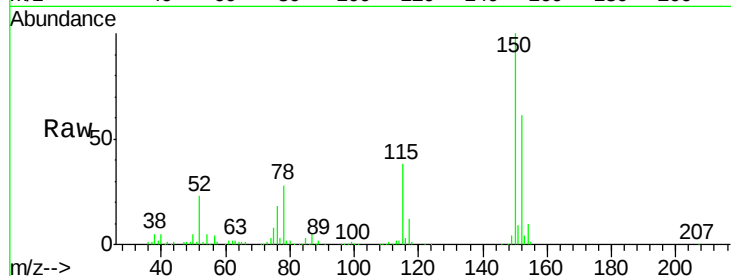
Tgt Ion:152 Resp: 137021

Ion Ratio Lower Upper

152 100

115 62.2 31.6 94.8

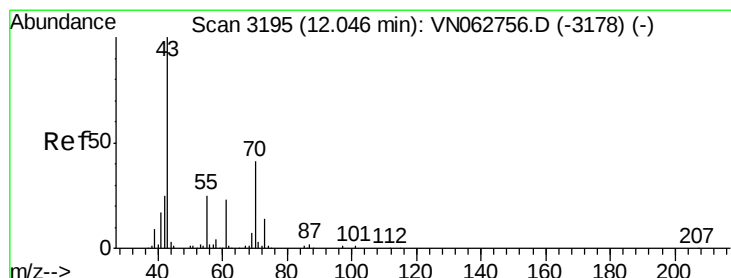
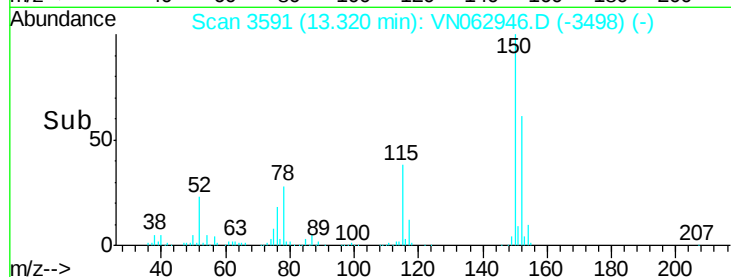
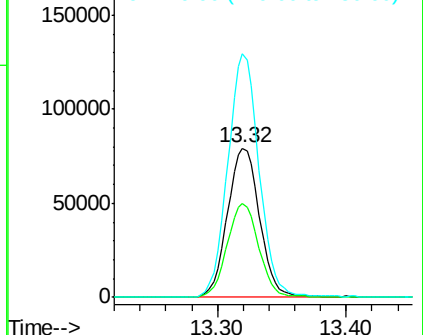
150 159.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.489 ug/l

RT: 12.01 min Scan# 3184

Delta R.T. -0.04 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Tgt Ion: 43 Resp: 2046

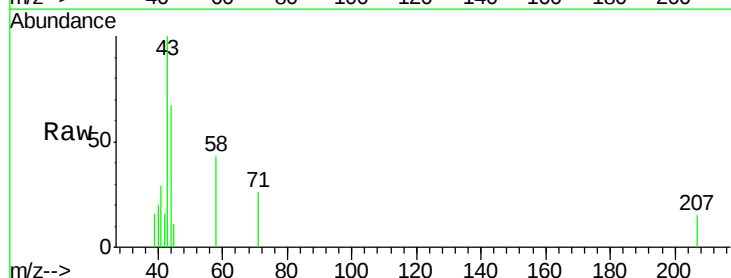
Ion Ratio Lower Upper

43 100

70 0.0 32.3 48.5#

55 4.9 20.2 30.2#

61 0.0 18.2 27.4#

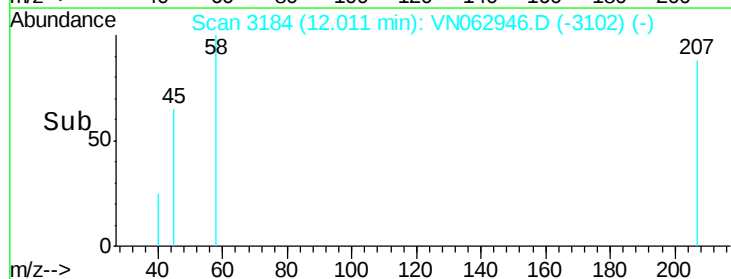
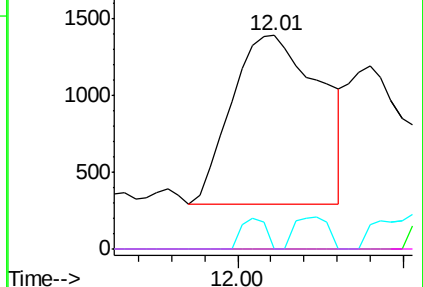


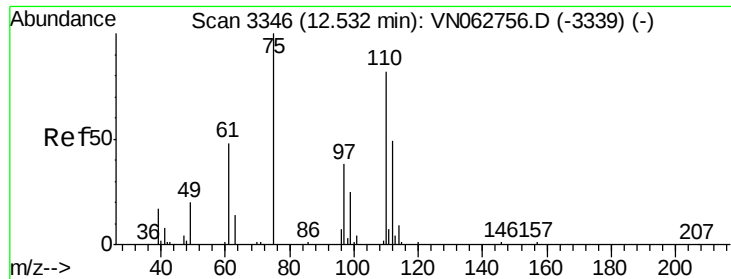
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 24.449 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampled :

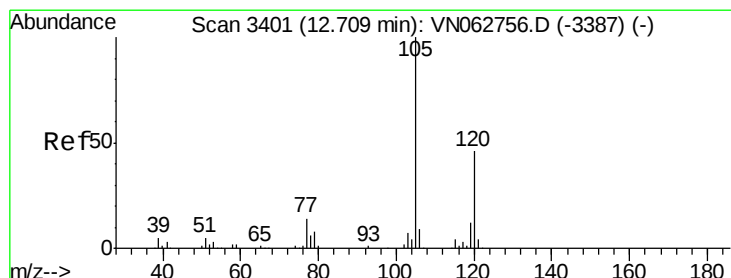
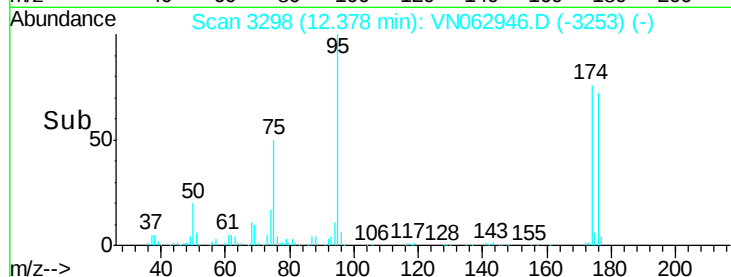
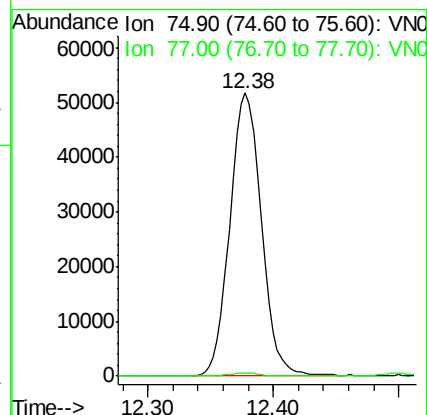
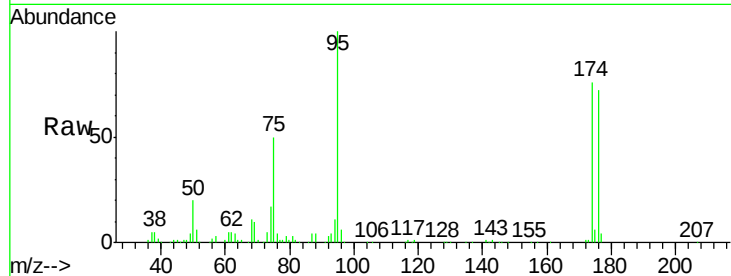
PB130954TB

Tgt Ion: 75 Resp: 90345

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.398 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062946.D

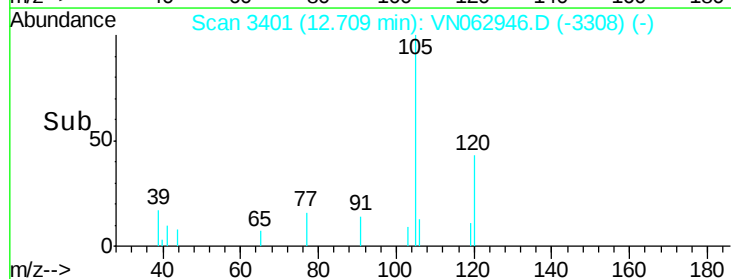
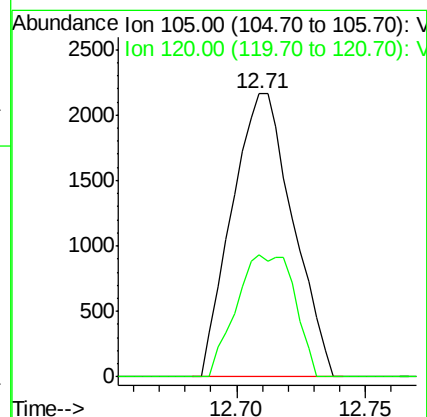
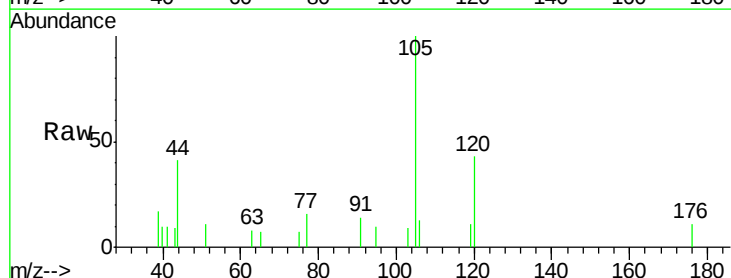
Acq: 14 Aug 2020 20:32

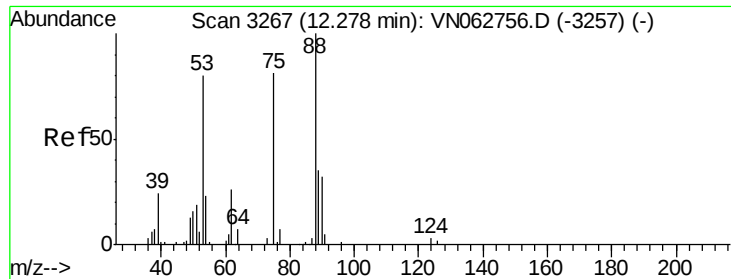
Tgt Ion: 105 Resp: 3561

Ion Ratio Lower Upper

105 100

120 41.3 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 74.635 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB130954TB

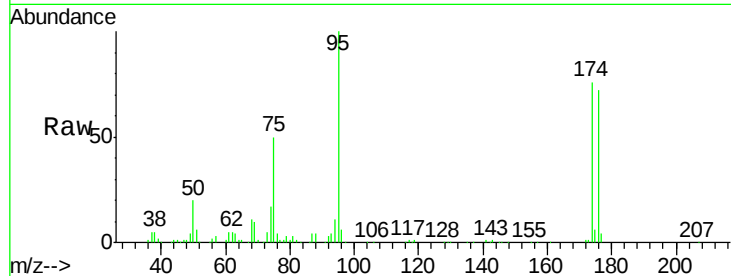
Tgt Ion: 75 Resp: 90345

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

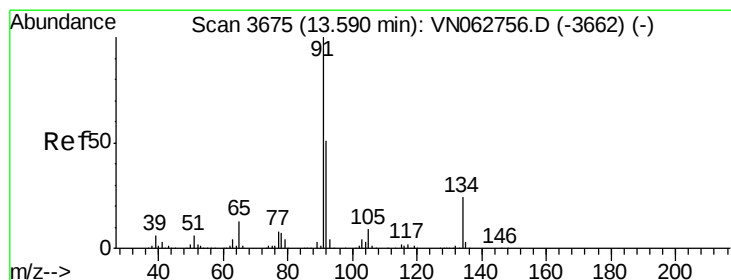
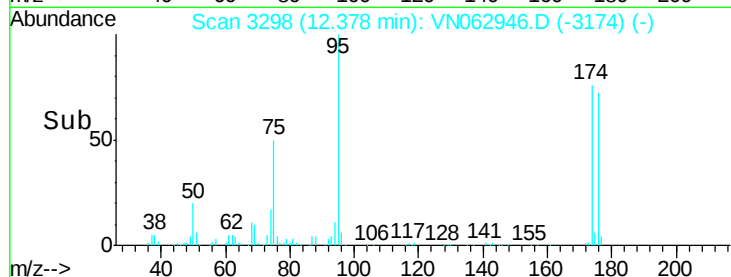
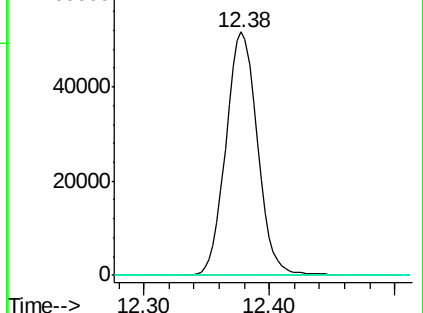
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#89

n-Butylbenzene

Concen: 0.328 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

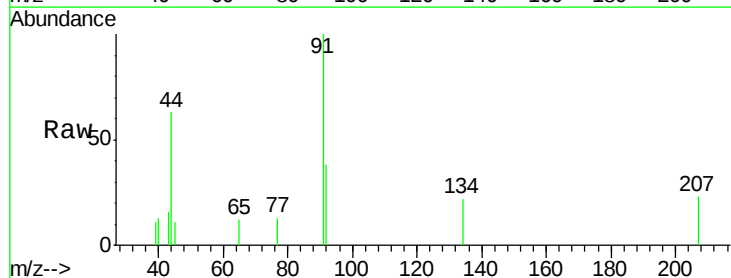
Tgt Ion: 91 Resp: 2449

Ion Ratio Lower Upper

91 100

92 42.4 25.7 77.0

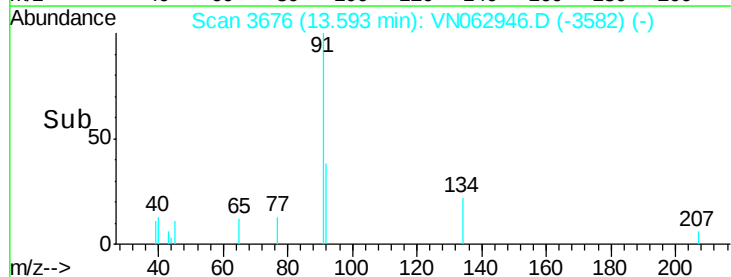
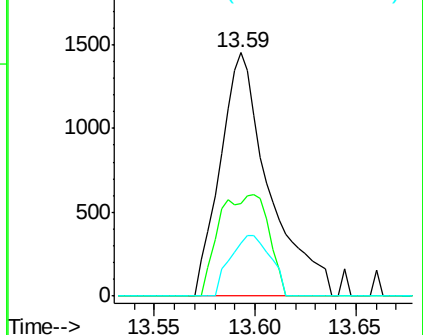
134 20.7 12.2 36.6

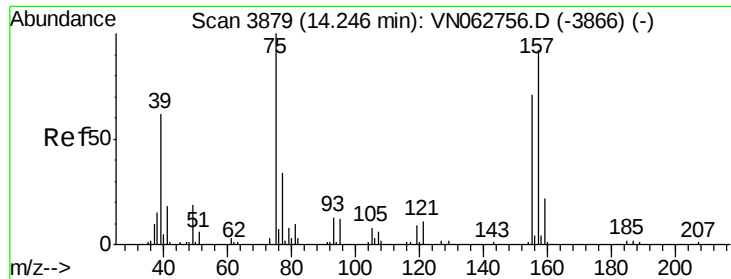


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

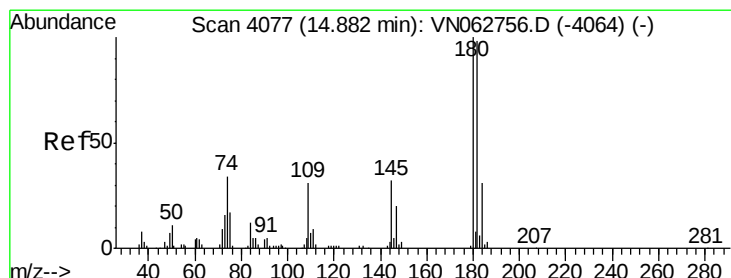
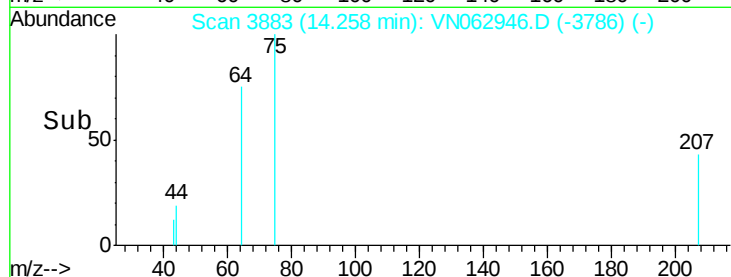
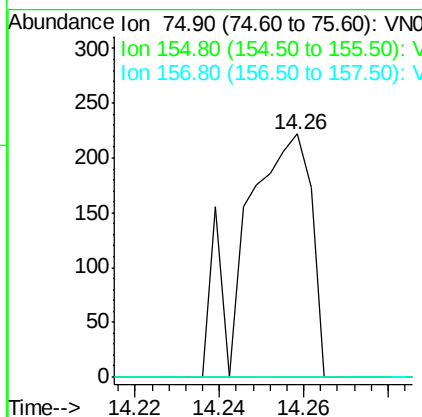
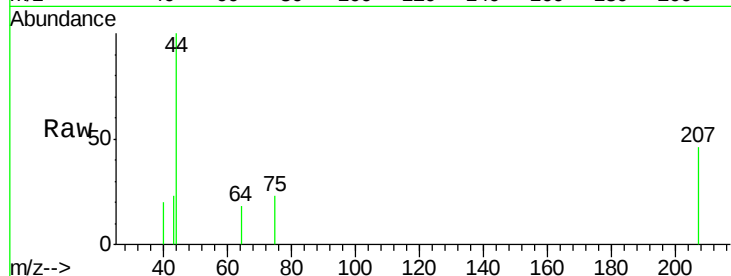




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.315 ug/l
 RT: 14.26 min Scan# 3883
 Delta R.T. 0.01 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

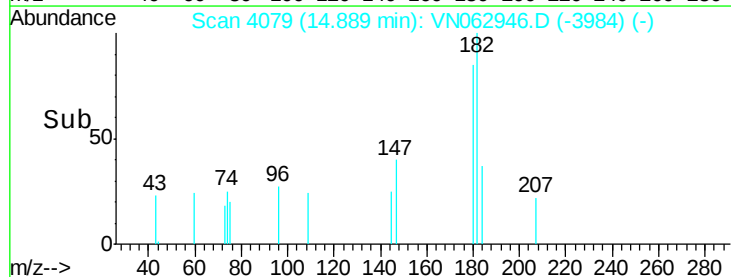
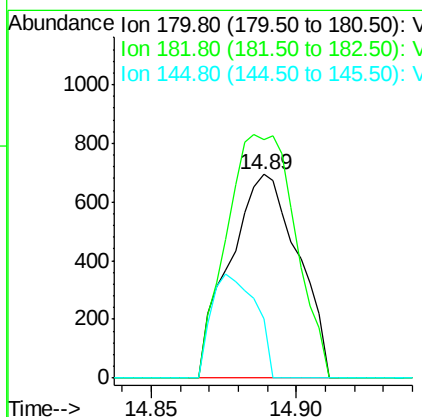
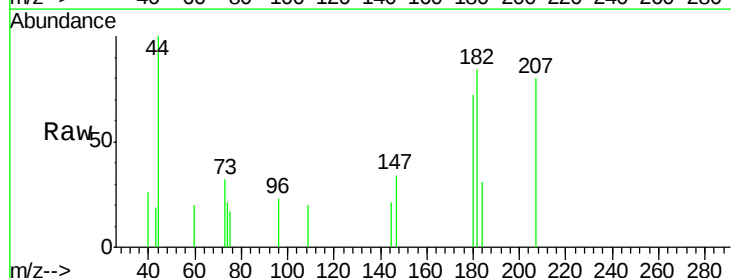
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130954TB

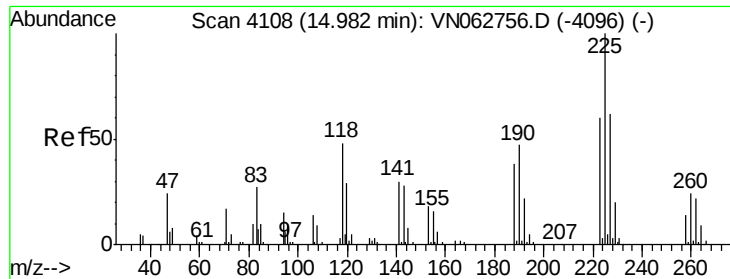
Tgt Ion: 75 Resp: 246
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.0 105.1#
 157 0.0 43.2 129.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.783 ug/l
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.01 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

Tgt Ion: 180 Resp: 1138
 Ion Ratio Lower Upper
 180 100
 182 120.3 49.1 147.4
 145 33.0 16.3 48.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.99 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

Instrument :

MSVOA_N

ClientSampled :

PB130954TB

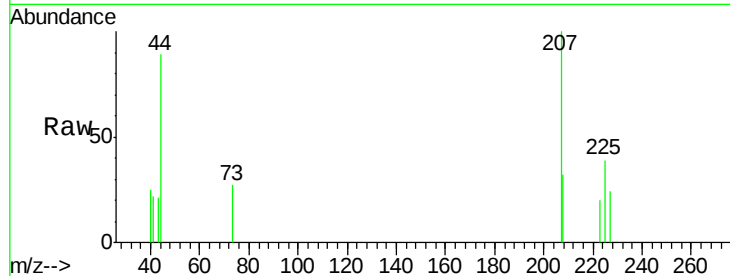
Tgt Ion:225 Resp: 425

Ion Ratio Lower Upper

225 100

223 36.2 30.6 92.0

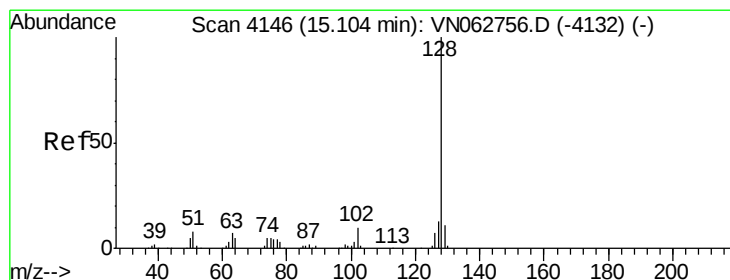
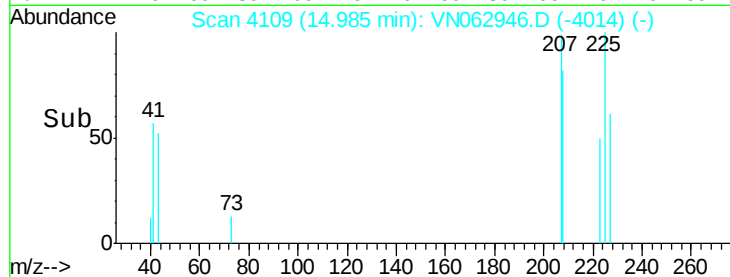
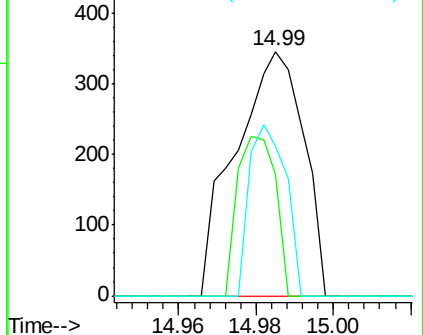
227 37.4 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.533 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062946.D

Acq: 14 Aug 2020 20:32

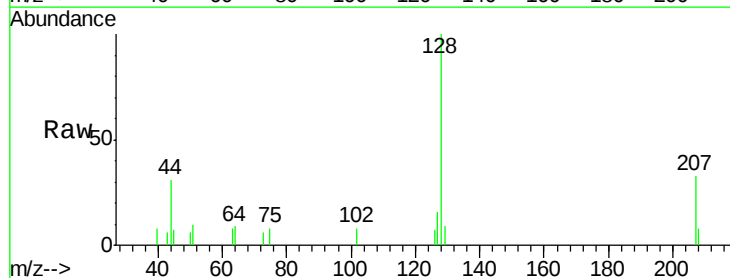
Tgt Ion:128 Resp: 5612

Ion Ratio Lower Upper

128 100

127 10.3 10.8 16.2#

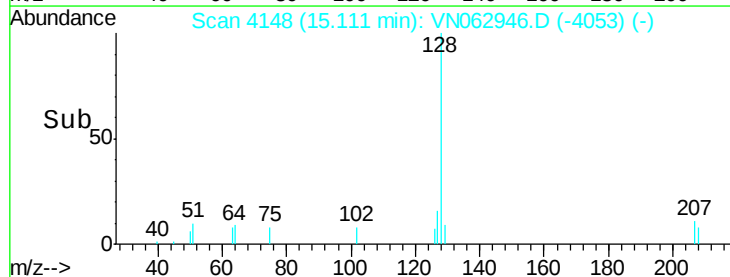
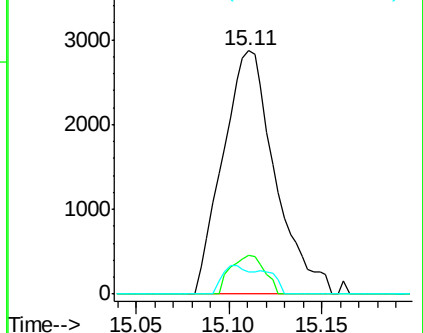
129 6.5 8.8 13.2#

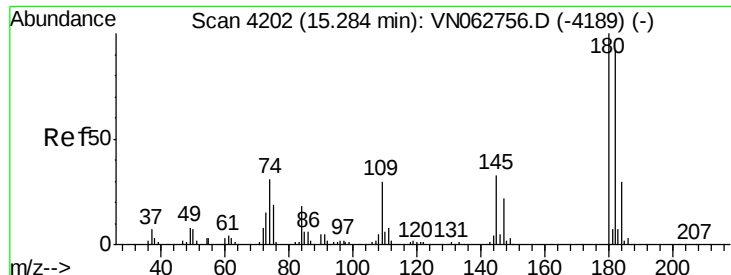


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.568 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN062946.D
 Acq: 14 Aug 2020 20:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130954TB

Tgt Ion:180 Resp: 1989
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.9 143.6
 145 26.6 17.3 51.7

